

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022223\
 Data File : VY012685.D
 Acq On : 22 Feb 2023 11:24
 Operator : KP/MD
 Sample : VY0222SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0222SBS01

Quant Time: Feb 22 14:05:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:21:05 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 02/23/2023
 Supervised By :Mahesh Dadoda 02/23/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	113907	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	174774	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	151826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	73570	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	65440	48.644	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.280%		
35) Dibromofluoromethane	7.722	113	57200	48.455	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.900%		
50) Toluene-d8	10.185	98	220064	49.759	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.520%		
62) 4-Bromofluorobenzene	12.483	95	69284	48.955	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.920%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	21587	18.433	ug/l	98
3) Chloromethane	2.119	50	31594	20.444	ug/l	97
4) Vinyl Chloride	2.259	62	25983	20.080	ug/l	98
5) Bromomethane	2.662	94	17181	24.245	ug/l	97
6) Chloroethane	2.802	64	16738	20.321	ug/l	90
7) Trichlorofluoromethane	3.137	101	44221	21.201	ug/l	95
8) Diethyl Ether	3.540	74	14711	19.700	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.905	101	25936	20.808	ug/l	99
10) Methyl Iodide	4.100	142	33088	20.273	ug/l	99
11) Tert butyl alcohol	4.954	59	14169	96.283	ug/l	96
12) 1,1-Dichloroethene	3.881	96	24761	20.577	ug/l	83
13) Acrolein	3.735	56	18279	98.310	ug/l	97
14) Allyl chloride	4.491	41	48360	20.707	ug/l	98
15) Acrylonitrile	5.167	53	36151	90.995	ug/l	97
16) Acetone	3.954	43	42319	96.404	ug/l	97
17) Carbon Disulfide	4.204	76	82513	20.377	ug/l	97
18) Methyl Acetate	4.485	43	26253	18.565	ug/l	100
19) Methyl tert-butyl Ether	5.228	73	63173	19.517	ug/l	97
20) Methylene Chloride	4.728	84	30242	18.270	ug/l	99
21) trans-1,2-Dichloroethene	5.228	96	26826	20.495	ug/l	99
22) Diisopropyl ether	6.124	45	92802	21.295	ug/l	95
23) Vinyl Acetate	6.064	43	275857	102.204	ug/l	100
24) 1,1-Dichloroethane	6.021	63	49068	20.305	ug/l	98
25) 2-Butanone	6.990	43	54915	94.255	ug/l	99
26) 2,2-Dichloropropane	6.990	77	44207	20.971	ug/l	95
27) cis-1,2-Dichloroethene	6.990	96	28709	20.046	ug/l	99
28) Bromochloromethane	7.344	49	20012	20.681	ug/l	97
29) Tetrahydrofuran	7.356	42	34266	96.333	ug/l	97
30) Chloroform	7.508	83	47892	20.454	ug/l	98
31) Cyclohexane	7.795	56	46963	20.093	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	44118	20.814	ug/l	99
36) 1,1-Dichloropropene	7.923	75	39129	20.912	ug/l	99
37) Ethyl Acetate	7.082	43	23339	18.485	ug/l	100
38) Carbon Tetrachloride	7.905	117	40380	20.871	ug/l	99
39) Methylcyclohexane	9.185	83	44955	20.827	ug/l	97
40) Benzene	8.167	78	107588	20.598	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022223\
 Data File : VY012685.D
 Acq On : 22 Feb 2023 11:24
 Operator : KP/MD
 Sample : VY0222SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0222SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/23/2023
 Supervised By :Mahesh Dadoda 02/23/2023

Quant Time: Feb 22 14:05:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:21:05 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	14101m	22.931	ug/l	
42) 1,2-Dichloroethane	8.240	62	33010	20.381	ug/l	99
43) Isopropyl Acetate	8.277	43	41350	18.952	ug/l	98
44) Trichloroethene	8.941	130	27428	20.311	ug/l	99
45) 1,2-Dichloropropane	9.222	63	27152	20.210	ug/l	96
46) Dibromomethane	9.307	93	14867	20.046	ug/l	97
47) Bromodichloromethane	9.496	83	36011	20.169	ug/l	99
48) Methyl methacrylate	9.295	41	19707	19.356	ug/l	96
49) 1,4-Dioxane	9.307	88	3670	357.905	ug/l #	93
51) 4-Methyl-2-Pentanone	10.069	43	112481	95.571	ug/l	98
52) Toluene	10.246	92	66023	21.334	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	36721	19.682	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	42796	20.271	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	19987	19.841	ug/l	94
56) Ethyl methacrylate	10.514	69	26261	19.089	ug/l	98
57) 1,3-Dichloropropane	10.794	76	34876	19.698	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	68045	90.454	ug/l	99
59) 2-Hexanone	10.831	43	80109	96.014	ug/l	98
60) Dibromochloromethane	10.983	129	24036	19.695	ug/l	99
61) 1,2-Dibromoethane	11.093	107	18451	19.118	ug/l	99
64) Tetrachloroethene	10.721	164	22952	20.786	ug/l	99
65) Chlorobenzene	11.520	112	67542	20.745	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	25076	20.783	ug/l	100
67) Ethyl Benzene	11.593	91	121276	20.839	ug/l	98
68) m/p-Xylenes	11.703	106	93875	42.286	ug/l	100
69) o-Xylene	12.032	106	43059	20.941	ug/l	99
70) Styrene	12.044	104	71983	20.886	ug/l	99
71) Bromoform	12.209	173	15058	19.558	ug/l #	97
73) Isopropylbenzene	12.331	105	116097	21.354	ug/l	100
74) N-amyl acetate	12.148	43	34225	19.150	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	23275	19.040	ug/l	97
76) 1,2,3-Trichloropropane	12.636	75	19076m	20.799	ug/l	
77) Bromobenzene	12.611	156	26604	20.422	ug/l	97
78) n-propylbenzene	12.672	91	145183	21.349	ug/l	99
79) 2-Chlorotoluene	12.757	91	79514	21.047	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	96877	21.332	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	8251	19.058	ug/l	98
82) 4-Chlorotoluene	12.855	91	80971	20.665	ug/l	98
83) tert-Butylbenzene	13.074	119	81143	20.924	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	93910	21.153	ug/l	100
85) sec-Butylbenzene	13.257	105	125946	21.346	ug/l	100
86) p-Isopropyltoluene	13.373	119	101368	20.861	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	53197	20.849	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	51639	19.958	ug/l	98
89) n-Butylbenzene	13.696	91	95927	20.613	ug/l	100
90) Hexachloroethane	13.958	117	20233	20.517	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	45973	20.175	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3860	19.210	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	28292	19.631	ug/l	98
94) Hexachlorobutadiene	15.111	225	17949	20.636	ug/l	97
95) Naphthalene	15.239	128	52151	17.908	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	25007	19.603	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022223\
Data File : VY012685.D
Acq On : 22 Feb 2023 11:24
Operator : KP/MD
Sample : VY0222SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0222SBS01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

Quant Time: Feb 22 14:05:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 22 01:21:05 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022223\
 Data File : VY012685.D
 Acq On : 22 Feb 2023 11:24
 Operator : KP/MD
 Sample : VY02222SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY02222SBS01

Quant Time: Feb 22 14:05:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:21:05 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 02/23/2023
 Supervised By :Mahesh Dadoda 02/23/2023

