

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031323\
 Data File : VY012923.D
 Acq On : 13 Mar 2023 12:47
 Operator : KP/MD
 Sample : VY0313SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0313SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/14/2023
 Supervised By :Mahesh Dadoda 03/15/2023

Quant Time: Mar 14 01:25:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	101858	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	153519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	140587	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	72258	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	46534	46.013	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.020%		
35) Dibromofluoromethane	7.716	113	46232	49.900	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.800%		
50) Toluene-d8	10.179	98	155838	46.010	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	92.020%		
62) 4-Bromofluorobenzene	12.483	95	56375	49.313	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	98.620%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	21887	21.801	ug/l	97
3) Chloromethane	2.113	50	24259	20.212	ug/l	97
4) Vinyl Chloride	2.253	62	22558	20.496	ug/l	97
5) Bromomethane	2.644	94	13991	20.921	ug/l	97
6) Chloroethane	2.790	64	13993	21.229	ug/l	90
7) Trichlorofluoromethane	3.125	101	39452	21.582	ug/l	96
8) Diethyl Ether	3.528	74	13477	21.039	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	23828	21.666	ug/l	100
10) Methyl Iodide	4.088	142	29544	20.617	ug/l	98
11) Tert butyl alcohol	4.948	59	17372	140.541	ug/l	97
12) 1,1-Dichloroethene	3.875	96	21989	20.964	ug/l	89
13) Acrolein	3.729	56	16282	91.894	ug/l	100
14) Allyl chloride	4.485	41	36827	19.007	ug/l	98
15) Acrylonitrile	5.161	53	38701	114.661	ug/l	99
16) Acetone	3.948	43	45066	113.531	ug/l	100
17) Carbon Disulfide	4.198	76	69135	19.364	ug/l	98
18) Methyl Acetate	4.479	43	25050	21.191	ug/l	97
19) Methyl tert-butyl Ether	5.222	73	60563	22.354	ug/l	100
20) Methylene Chloride	4.716	84	31174	22.815	ug/l	94
21) trans-1,2-Dichloroethene	5.216	96	24093	21.137	ug/l	96
22) Diisopropyl ether	6.119	45	75023	21.319	ug/l	100
23) Vinyl Acetate	6.058	43	236107	107.980	ug/l	99
24) 1,1-Dichloroethane	6.021	63	42610	21.249	ug/l	98
25) 2-Butanone	6.984	43	56001	113.903	ug/l	100
26) 2,2-Dichloropropane	6.978	77	38364	21.540	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	26959	22.060	ug/l	98
28) Bromochloromethane	7.332	49	15747	21.488	ug/l	93
29) Tetrahydrofuran	7.350	42	34063	114.873	ug/l	97
30) Chloroform	7.509	83	43737	22.081	ug/l	95
31) Cyclohexane	7.783	56	37606	19.416	ug/l	92
32) 1,1,1-Trichloroethane	7.704	97	38555	21.524	ug/l	99
36) 1,1-Dichloropropene	7.917	75	32675	21.046	ug/l	98
37) Ethyl Acetate	7.076	43	23032	23.536	ug/l	100
38) Carbon Tetrachloride	7.899	117	35757	22.302	ug/l	97
39) Methylcyclohexane	9.185	83	38044	20.611	ug/l	97
40) Benzene	8.161	78	97304	22.156	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031323\
 Data File : VY012923.D
 Acq On : 13 Mar 2023 12:47
 Operator : KP/MD
 Sample : VY0313SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0313SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/14/2023
 Supervised By :Mahesh Dadoda 03/15/2023

Quant Time: Mar 14 01:25:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	11372m	21.569	ug/l	
42) 1,2-Dichloroethane	8.234	62	29943	22.677	ug/l	98
43) Isopropyl Acetate	8.271	43	39363	22.546	ug/l	98
44) Trichloroethene	8.941	130	26402	22.801	ug/l	100
45) 1,2-Dichloropropane	9.216	63	24461	22.038	ug/l	99
46) Dibromomethane	9.301	93	14818	23.434	ug/l	96
47) Bromodichloromethane	9.496	83	33488	22.474	ug/l	92
48) Methyl methacrylate	9.295	41	18190	22.611	ug/l	95
49) 1,4-Dioxane	9.295	88	4311	527.374	ug/l	97
51) 4-Methyl-2-Pentanone	10.069	43	113809	120.174	ug/l	99
52) Toluene	10.246	92	59611	22.506	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	35346	22.614	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	39620	22.396	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	20579	23.369	ug/l	97
56) Ethyl methacrylate	10.508	69	27303	23.252	ug/l	98
57) 1,3-Dichloropropane	10.788	76	34830	23.221	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	70129	113.770	ug/l	99
59) 2-Hexanone	10.831	43	83525	121.352	ug/l	98
60) Dibromochloromethane	10.984	129	25058	23.376	ug/l	98
61) 1,2-Dibromoethane	11.087	107	20292	23.921	ug/l	98
64) Tetrachloroethene	10.721	164	22753	22.229	ug/l	98
65) Chlorobenzene	11.514	112	64611	21.898	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	25043	22.937	ug/l	100
67) Ethyl Benzene	11.593	91	112319	21.652	ug/l	100
68) m/p-Xylenes	11.703	106	88708	44.451	ug/l	99
69) o-Xylene	12.032	106	41115	22.075	ug/l	96
70) Styrene	12.044	104	70597	22.714	ug/l	98
71) Bromoform	12.209	173	17239	24.217	ug/l #	99
73) Isopropylbenzene	12.331	105	108822	21.250	ug/l	99
74) N-amyl acetate	12.142	43	33702	20.917	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	26234	22.789	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	16818m	19.491	ug/l	
77) Bromobenzene	12.605	156	27534	22.133	ug/l	97
78) n-propylbenzene	12.672	91	135864	21.519	ug/l	100
79) 2-Chlorotoluene	12.758	91	75607	21.547	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	91349	21.615	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	9187	22.061	ug/l	100
82) 4-Chlorotoluene	12.855	91	79783	21.965	ug/l	99
83) tert-Butylbenzene	13.075	119	78501	21.521	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	90411	21.878	ug/l	100
85) sec-Butylbenzene	13.251	105	119355	21.448	ug/l	99
86) p-Isopropyltoluene	13.367	119	98819	21.728	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	54363	22.657	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	53485	21.841	ug/l	97
89) n-Butylbenzene	13.696	91	91585	21.035	ug/l	99
90) Hexachloroethane	13.959	117	20837	21.997	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	48987	22.586	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4402	23.661	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	29396	22.012	ug/l	99
94) Hexachlorobutadiene	15.111	225	17151	21.057	ug/l	98
95) Naphthalene	15.239	128	57982	21.667	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	25498	21.469	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031323\
Data File : VY012923.D
Acq On : 13 Mar 2023 12:47
Operator : KP/MD
Sample : VY0313SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBSD01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023

Quant Time: Mar 14 01:25:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration

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

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

