

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030624\
 Data File : VY017583.D
 Acq On : 06 Mar 2024 10:37
 Operator : SY/MD
 Sample : VY0306SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0306SBS01

Quant Time: Mar 07 02:04:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/07/2024
 Supervised By : Mahesh Dadoda 03/07/2024

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	107674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	174912	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	155293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74271	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	60121	58.916	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.840%			
35) Dibromofluoromethane	7.722	113	68927	56.551	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.100%			
50) Toluene-d8	10.185	98	256554	60.202	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 120.400%			
62) 4-Bromofluorobenzene	12.483	95	77838	58.119	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 116.240%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	17226	21.688	ug/l	98
3) Chloromethane	2.107	50	30298	20.877	ug/l	99
4) Vinyl Chloride	2.247	62	39738	21.344	ug/l	99
5) Bromomethane	2.643	94	36536	24.081	ug/l	100
6) Chloroethane	2.784	64	27296	23.241	ug/l	98
7) Trichlorofluoromethane	3.113	101	41506	21.874	ug/l	94
8) Diethyl Ether	3.527	74	12890	23.161	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.893	101	24915	22.828	ug/l	98
10) Methyl Iodide	4.088	142	24921	20.346	ug/l	99
11) Tert butyl alcohol	4.954	59	9686	111.742	ug/l #	93
12) 1,1-Dichloroethene	3.863	96	22789	22.405	ug/l	97
13) Acrolein	3.729	56	5520	48.263	ug/l	99
14) Allyl chloride	4.472	41	27265	22.184	ug/l	95
15) Acrylonitrile	5.161	53	27813	121.570	ug/l	99
16) Acetone	3.942	43	17985	90.866	ug/l	94
17) Carbon Disulfide	4.192	76	56647	18.554	ug/l	100
18) Methyl Acetate	4.479	43	13616	28.356	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	55279	23.317	ug/l	98
20) Methylene Chloride	4.710	84	37575	30.136	ug/l	98
21) trans-1,2-Dichloroethene	5.216	96	27191	22.831	ug/l	90
22) Diisopropyl ether	6.118	45	67917	23.948	ug/l	93
23) Vinyl Acetate	6.064	43	173212	102.493	ug/l	98
24) 1,1-Dichloroethane	6.015	63	47356	24.441	ug/l	98
25) 2-Butanone	6.990	43	30277	107.338	ug/l	98
26) 2,2-Dichloropropane	6.978	77	29347	18.015	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	31493	23.552	ug/l	96
28) Bromochloromethane	7.338	49	18855	24.709	ug/l	95
29) Tetrahydrofuran	7.350	42	19784	116.352	ug/l	98
30) Chloroform	7.508	83	51796	25.109	ug/l	94
31) Cyclohexane	7.789	56	32526	19.586	ug/l	98
32) 1,1,1-Trichloroethane	7.704	97	42066	23.488	ug/l	98
36) 1,1-Dichloropropene	7.923	75	34854	21.195	ug/l	99
37) Ethyl Acetate	7.076	43	14473	22.283	ug/l	98
38) Carbon Tetrachloride	7.905	117	36025	21.858	ug/l	94
39) Methylcyclohexane	9.185	83	36389	18.413	ug/l	96
40) Benzene	8.161	78	112314	22.998	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030624\
 Data File : VY017583.D
 Acq On : 06 Mar 2024 10:37
 Operator : SY/MD
 Sample : VY0306SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0306SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/07/2024
 Supervised By : Mahesh Dadoda 03/07/2024

Quant Time: Mar 07 02:04:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	8038m	24.661	ug/l	
42) 1,2-Dichloroethane	8.240	62	27855	23.377	ug/l	96
43) Isopropyl Acetate	8.277	43	25463	22.309	ug/l	97
44) Trichloroethene	8.941	130	31567	22.426	ug/l	95
45) 1,2-Dichloropropane	9.222	63	26914	23.164	ug/l	98
46) Dibromomethane	9.307	93	15747	23.681	ug/l	98
47) Bromodichloromethane	9.496	83	38742	23.995	ug/l	98
48) Methyl methacrylate	9.295	41	11468	21.707	ug/l	93
49) 1,4-Dioxane	9.301	88	3339	443.695	ug/l #	95
51) 4-Methyl-2-Pentanone	10.075	43	73902	116.177	ug/l	100
52) Toluene	10.246	92	70262	22.822	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	31895	21.283	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	39060	21.450	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	22479	23.810	ug/l	97
56) Ethyl methacrylate	10.514	69	23132	21.443	ug/l	98
57) 1,3-Dichloropropane	10.794	76	35794	23.318	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	68129	125.053	ug/l	97
59) 2-Hexanone	10.837	43	47555	108.838	ug/l	99
60) Dibromochloromethane	10.990	129	27337	24.476	ug/l	100
61) 1,2-Dibromoethane	11.093	107	20396	23.443	ug/l	100
64) Tetrachloroethene	10.721	164	34860	23.388	ug/l	97
65) Chlorobenzene	11.520	112	75595	22.934	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	28717	23.255	ug/l	100
67) Ethyl Benzene	11.599	91	126543	21.890	ug/l	96
68) m/p-Xylenes	11.709	106	101233	44.567	ug/l	98
69) o-Xylene	12.032	106	46735	22.177	ug/l	99
70) Styrene	12.050	104	78734	22.508	ug/l	97
71) Bromoform	12.209	173	16121	23.558	ug/l #	99
73) Isopropylbenzene	12.331	105	120281	21.799	ug/l	99
74) N-amyl acetate	12.148	43	21054	21.634	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	23844	25.164	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	18922m	26.814	ug/l	
77) Bromobenzene	12.611	156	30958	23.168	ug/l	95
78) n-propylbenzene	12.672	91	147046	22.209	ug/l	99
79) 2-Chlorotoluene	12.758	91	82999	22.391	ug/l	98
80) 1,3,5-Trimethylbenzene	12.818	105	97941	22.155	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	5888	19.172	ug/l	97
82) 4-Chlorotoluene	12.855	91	84375	22.254	ug/l	97
83) tert-Butylbenzene	13.081	119	86031	22.162	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	97976	22.449	ug/l	98
85) sec-Butylbenzene	13.257	105	131927	22.229	ug/l	100
86) p-Isopropyltoluene	13.373	119	104618	21.533	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	59948	22.351	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	59682	22.888	ug/l	99
89) n-Butylbenzene	13.702	91	94032	21.213	ug/l	98
90) Hexachloroethane	13.965	117	22466	23.065	ug/l	97
91) 1,2-Dichlorobenzene	13.745	146	52372	23.084	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3139	23.565	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	26123	21.799	ug/l	99
94) Hexachlorobutadiene	15.111	225	16864	22.793	ug/l	99
95) Naphthalene	15.239	128	42720	20.872	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	22923	22.298	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030624\
Data File : VY017583.D
Acq On : 06 Mar 2024 10:37
Operator : SY/MD
Sample : VY0306SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

Quant Time: Mar 07 02:04:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
Response via : Initial Calibration

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

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

Manual Integrations

Quant Time: Mar 07 02:04:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
Response via : Initial Calibration

