

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031924\
 Data File : VY017717.D
 Acq On : 19 Mar 2024 19:16
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/20/2024
 Supervised By :Semsettin Yesilyurt 03/20/2024

Quant Time: Mar 20 03:05:59 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)

Internal Standards						
1) Pentafluorobenzene	7.795	168	136193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	225321	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	205227	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	96144	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	61076	47.318	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.640%		
35) Dibromofluoromethane	7.722	113	69151	44.042	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	88.080%		
50) Toluene-d8	10.191	98	263115	47.929	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.860%		
62) 4-Bromofluorobenzene	12.489	95	85777	49.718	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	99.440%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	43925	43.722	ug/l	98
3) Chloromethane	2.119	50	79986	43.575	ug/l	97
4) Vinyl Chloride	2.253	62	104032	44.177	ug/l	99
5) Bromomethane	2.656	94	88718	46.230	ug/l	95
6) Chloroethane	2.796	64	72518	48.815	ug/l	98
7) Trichlorofluoromethane	3.131	101	99910	41.628	ug/l	93
8) Diethyl Ether	3.534	74	34519	49.037	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.906	101	63533	46.021	ug/l	100
10) Methyl Iodide	4.101	142	77975	50.329	ug/l	100
11) Tert butyl alcohol	4.954	59	20916	190.769	ug/l #	81
12) 1,1-Dichloroethene	3.881	96	61529	47.824	ug/l	99
13) Acrolein	3.729	56	20944	144.774	ug/l	98
14) Allyl chloride	4.485	41	77445	49.818	ug/l	96
15) Acrylonitrile	5.167	53	75724	261.680	ug/l	100
16) Acetone	3.954	43	56477	225.591	ug/l	98
17) Carbon Disulfide	4.204	76	187881	48.652	ug/l	98
18) Methyl Acetate	4.485	43	33823	55.688	ug/l	98
19) Methyl tert-butyl Ether	5.228	73	154036	51.367	ug/l	99
20) Methylene Chloride	4.722	84	77771	53.228	ug/l	97
21) trans-1,2-Dichloroethene	5.235	96	75243	49.949	ug/l	94
22) Diisopropyl ether	6.125	45	187019	52.134	ug/l	97
23) Vinyl Acetate	6.070	43	553929	259.134	ug/l	100
24) 1,1-Dichloroethane	6.027	63	124318	50.726	ug/l	99
25) 2-Butanone	6.996	43	87416	245.012	ug/l	96
26) 2,2-Dichloropropane	6.990	77	96739	46.949	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	85887	50.780	ug/l	98
28) Bromochloromethane	7.344	49	43450	45.017	ug/l	96
29) Tetrahydrofuran	7.356	42	57682	268.199	ug/l	99
30) Chloroform	7.515	83	132990	50.969	ug/l	99
31) Cyclohexane	7.795	56	97965	46.638	ug/l	96
32) 1,1,1-Trichloroethane	7.710	97	109394	48.291	ug/l	98
36) 1,1-Dichloropropene	7.929	75	97541	46.044	ug/l	100
37) Ethyl Acetate	7.082	43	39287	46.955	ug/l	98
38) Carbon Tetrachloride	7.911	117	97535	45.939	ug/l	97
39) Methylcyclohexane	9.191	83	121703	47.804	ug/l	97
40) Benzene	8.173	78	299730	47.643	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	22168	52.798	ug/l	92
42) 1,2-Dichloroethane	8.246	62	73470	47.865	ug/l	98
43) Isopropyl Acetate	8.283	43	72194	49.102	ug/l	99
44) Trichloroethene	8.947	130	84547	46.626	ug/l	99
45) 1,2-Dichloropropane	9.228	63	71617	47.848	ug/l	99
46) Dibromomethane	9.313	93	42951	50.141	ug/l	99
47) Bromodichloromethane	9.508	83	100412	48.278	ug/l	100
48) Methyl methacrylate	9.301	41	34465	50.642	ug/l	95
49) 1,4-Dioxane	9.307	88	9393	968.926	ug/l #	94
51) 4-Methyl-2-Pentanone	10.081	43	206246	251.692	ug/l	99
52) Toluene	10.252	92	190746	48.095	ug/l	100
53) t-1,3-Dichloropropene	10.477	75	94450	48.925	ug/l	94
54) cis-1,3-Dichloropropene	9.935	75	114193	48.681	ug/l	98
55) 1,1,2-Trichloroethane	10.654	97	58077	47.752	ug/l	94
56) Ethyl methacrylate	10.520	69	70515	47.275	ug/l	98
57) 1,3-Dichloropropane	10.801	76	97453	49.284	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	207074	295.056	ug/l	98
59) 2-Hexanone	10.843	43	140728	250.025	ug/l	98
60) Dibromochloromethane	10.996	129	71237	49.512	ug/l	99
61) 1,2-Dibromoethane	11.099	107	55483	49.504	ug/l	100
64) Tetrachloroethene	10.734	164	87530	44.436	ug/l	99
65) Chlorobenzene	11.526	112	204469	46.939	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	75131	46.038	ug/l	99
67) Ethyl Benzene	11.605	91	365408	47.831	ug/l	97
68) m/p-Xylenes	11.715	106	283063	94.296	ug/l	100
69) o-Xylene	12.038	106	136352	48.960	ug/l	99
70) Styrene	12.057	104	225777	48.841	ug/l	98
71) Bromoform	12.221	173	43210	47.781	ug/l #	99
73) Isopropylbenzene	12.337	105	348584	48.802	ug/l	99
74) N-amyl acetate	12.154	43	63839	50.674	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	12.593	83	63856	52.060	ug/l	100
76) 1,2,3-Trichloropropane	12.642	75	43733m	47.873	ug/l	
77) Bromobenzene	12.617	156	82499	47.693	ug/l	97
78) n-propylbenzene	12.684	91	416358	48.579	ug/l	100
79) 2-Chlorotoluene	12.764	91	227413	47.392	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	281731	49.231	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.392	75	19797	49.796	ug/l	97
82) 4-Chlorotoluene	12.861	91	231368	47.141	ug/l	98
83) tert-Butylbenzene	13.087	119	250131	49.776	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	277071	49.042	ug/l	100
85) sec-Butylbenzene	13.264	105	372635	48.502	ug/l	100
86) p-Isopropyltoluene	13.379	119	306724	48.770	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	162095	46.686	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	156803	46.453	ug/l	99
89) n-Butylbenzene	13.709	91	277796	48.412	ug/l	100
90) Hexachloroethane	13.971	117	59852	47.468	ug/l	99
91) 1,2-Dichlorobenzene	13.751	146	138365	47.113	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	8332	48.319	ug/l	95
93) 1,2,4-Trichlorobenzene	15.019	180	75386	48.597	ug/l	98
94) Hexachlorobutadiene	15.123	225	41167	42.983	ug/l	96
95) Naphthalene	15.245	128	143230	47.835	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	62932	47.289	ug/l	98

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

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Data File : VY017717.D
Acq On : 19 Mar 2024 19:16
Operator : SY/MD
Sample : VSTDECC050
Misc : 5.05g/5.0mL/MSVOA_Y/soil/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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