

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050924\
 Data File : VY018201.D
 Acq On : 09 May 2024 10:16
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/10/2024
 Supervised By :Semsettin Yesilyurt 05/10/2024

Quant Time: May 10 01:13:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	225702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	382938	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	325549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	144400	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	79672	47.983	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.960%		
35) Dibromofluoromethane	7.710	113	93252	46.336	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.680%		
50) Toluene-d8	10.179	98	359333	45.310	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	90.620%		
62) 4-Bromofluorobenzene	12.483	95	112812	44.048	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	88.100%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	76319	42.638	ug/l	99
3) Chloromethane	2.107	50	110851	46.265	ug/l	95
4) Vinyl Chloride	2.247	62	130520	44.937	ug/l	99
5) Bromomethane	2.644	94	90516	44.873	ug/l	99
6) Chloroethane	2.790	64	86355	46.847	ug/l	98
7) Trichlorofluoromethane	3.119	101	152988	44.968	ug/l	97
8) Diethyl Ether	3.521	74	51998	46.428	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.893	101	97627	45.026	ug/l	98
10) Methyl Iodide	4.076	142	115595	45.655	ug/l	98
11) Tert butyl alcohol	4.942	59	39708	273.188	ug/l #	78
12) 1,1-Dichloroethene	3.863	96	98344	45.055	ug/l	92
13) Acrolein	3.716	56	42198	260.254	ug/l	97
14) Allyl chloride	4.466	41	130844	47.121	ug/l	96
15) Acrylonitrile	5.149	53	105994	246.098	ug/l	99
16) Acetone	3.936	43	83375	251.620	ug/l	100
17) Carbon Disulfide	4.186	76	283028	47.630	ug/l	99
18) Methyl Acetate	4.460	43	46616	49.387	ug/l	98
19) Methyl tert-butyl Ether	5.210	73	226895	46.665	ug/l	98
20) Methylene Chloride	4.704	84	107940	46.088	ug/l	97
21) trans-1,2-Dichloroethene	5.210	96	104563	45.192	ug/l	98
22) Diisopropyl ether	6.106	45	272460	46.254	ug/l	93
23) Vinyl Acetate	6.051	43	850749	237.626	ug/l	99
24) 1,1-Dichloroethane	6.009	63	167391	46.138	ug/l	100
25) 2-Butanone	6.972	43	130962	247.254	ug/l	96
26) 2,2-Dichloropropane	6.972	77	147601	44.951	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	125446	45.878	ug/l	96
28) Bromochloromethane	7.326	49	70285	48.469	ug/l	97
29) Tetrahydrofuran	7.338	42	81405	232.833	ug/l	99
30) Chloroform	7.502	83	170617	45.047	ug/l	98
31) Cyclohexane	7.783	56	149352	46.068	ug/l	98
32) 1,1,1-Trichloroethane	7.697	97	151921	44.752	ug/l	99
36) 1,1-Dichloropropene	7.911	75	125252	43.414	ug/l	97
37) Ethyl Acetate	7.063	43	57530	47.377	ug/l #	97
38) Carbon Tetrachloride	7.899	117	134966	42.813	ug/l	98
39) Methylcyclohexane	9.179	83	179465	43.118	ug/l	100
40) Benzene	8.155	78	410120	44.193	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	30807	43.934	ug/l	96
42) 1,2-Dichloroethane	8.228	62	90804	44.971	ug/l	96
43) Isopropyl Acetate	8.264	43	114933	46.176	ug/l	96
44) Trichloroethene	8.935	130	108229	42.841	ug/l	99
45) 1,2-Dichloropropane	9.209	63	89817	44.269	ug/l	99
46) Dibromomethane	9.301	93	53382	45.768	ug/l	99
47) Bromodichloromethane	9.496	83	128999	44.737	ug/l	99
48) Methyl methacrylate	9.289	41	52122	45.691	ug/l	93
49) 1,4-Dioxane	9.295	88	13385	864.546	ug/l #	100
51) 4-Methyl-2-Pentanone	10.069	43	293670	234.750	ug/l	96
52) Toluene	10.240	92	259495	43.435	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	120451	44.722	ug/l	94
54) cis-1,3-Dichloropropene	9.923	75	146873	44.611	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	73701	45.998	ug/l	95
56) Ethyl methacrylate	10.508	69	99209	45.590	ug/l	93
57) 1,3-Dichloropropane	10.788	76	116955	44.850	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	290170	279.252	ug/l	95
59) 2-Hexanone	10.831	43	205861	235.350	ug/l	94
60) Dibromochloromethane	10.983	129	92225	44.364	ug/l	99
61) 1,2-Dibromoethane	11.087	107	67338	44.619	ug/l	100
64) Tetrachloroethene	10.721	164	91829	42.366	ug/l	97
65) Chlorobenzene	11.514	112	286660	43.234	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	93092	43.406	ug/l	100
67) Ethyl Benzene	11.593	91	484550	43.283	ug/l	94
68) m/p-Xylenes	11.703	106	380814	86.019	ug/l	96
69) o-Xylene	12.026	106	182948	43.062	ug/l	94
70) Styrene	12.044	104	306935	43.261	ug/l	97
71) Bromoform	12.209	173	52568	44.299	ug/l #	100
73) Isopropylbenzene	12.331	105	466405	43.080	ug/l	98
74) N-amyl acetate	12.142	43	103528	46.065	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	78027	45.179	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	52653m	45.554	ug/l	
77) Bromobenzene	12.605	156	108455	43.606	ug/l	95
78) n-propylbenzene	12.672	91	539174	42.816	ug/l	97
79) 2-Chlorotoluene	12.758	91	299166	42.752	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	365179	42.776	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	26709	44.522	ug/l	99
82) 4-Chlorotoluene	12.855	91	299808	42.653	ug/l	96
83) tert-Butylbenzene	13.075	119	336861	42.779	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	359097	42.941	ug/l	98
85) sec-Butylbenzene	13.251	105	495517	42.900	ug/l	98
86) p-Isopropyltoluene	13.367	119	402939	42.406	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	206645	43.022	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	201572	43.047	ug/l	99
89) n-Butylbenzene	13.696	91	361221	42.005	ug/l	97
90) Hexachloroethane	13.965	117	77708	41.685	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	180358	43.686	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10567	44.934	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	100145	43.148	ug/l	96
94) Hexachlorobutadiene	15.111	225	53118	41.480	ug/l	98
95) Naphthalene	15.239	128	188806	44.394	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	81954	43.027	ug/l	99

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

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