

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052324\
 Data File : VY018352.D
 Acq On : 23 May 2024 10:15
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/24/2024
 Supervised By :Semsettin Yesilyurt 05/24/2024

Quant Time: May 24 01:12:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	144433	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	267719	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	228059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	102043	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	77618	56.722	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.440%			
35) Dibromofluoromethane	7.710	113	82972	53.146	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.300%			
50) Toluene-d8	10.179	98	331814	54.513	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 109.020%			
62) 4-Bromofluorobenzene	12.477	95	99766	53.045	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 106.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	53727	43.583	ug/l	95
3) Chloromethane	2.107	50	94670	47.256	ug/l	95
4) Vinyl Chloride	2.241	62	114705	51.180	ug/l	100
5) Bromomethane	2.643	94	77126	48.133	ug/l	99
6) Chloroethane	2.784	64	74290	51.065	ug/l	99
7) Trichlorofluoromethane	3.113	101	116591	46.356	ug/l	98
8) Diethyl Ether	3.521	74	38600	48.064	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.881	101	69681	44.908	ug/l	95
10) Methyl Iodide	4.076	142	79653	51.045	ug/l	98
11) Tert butyl alcohol	4.936	59	29000	226.291	ug/l #	81
12) 1,1-Dichloroethene	3.857	96	72674	47.555	ug/l	98
13) Acrolein	3.716	56	24921	218.546	ug/l	97
14) Allyl chloride	4.460	41	107524	50.378	ug/l	96
15) Acrylonitrile	5.149	53	79777	229.665	ug/l	99
16) Acetone	3.936	43	64825	230.331	ug/l	93
17) Carbon Disulfide	4.180	76	224119	52.517	ug/l	97
18) Methyl Acetate	4.460	43	35058	46.996	ug/l	95
19) Methyl tert-butyl Ether	5.210	73	177191	48.354	ug/l	97
20) Methylene Chloride	4.704	84	79991	49.293	ug/l	93
21) trans-1,2-Dichloroethene	5.210	96	80786	50.110	ug/l	98
22) Diisopropyl ether	6.106	45	228443	51.505	ug/l	96
23) Vinyl Acetate	6.045	43	695373	244.846	ug/l	96
24) 1,1-Dichloroethane	6.009	63	137505	50.552	ug/l	97
25) 2-Butanone	6.972	43	103330	231.681	ug/l	89
26) 2,2-Dichloropropane	6.972	77	117317	49.893	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	96003	50.677	ug/l	96
28) Bromochloromethane	7.326	49	52310	56.623	ug/l	89
29) Tetrahydrofuran	7.338	42	67206	228.934	ug/l	88
30) Chloroform	7.496	83	140596	50.711	ug/l	96
31) Cyclohexane	7.777	56	123105	51.138	ug/l	97
32) 1,1,1-Trichloroethane	7.691	97	121075	49.754	ug/l	98
36) 1,1-Dichloropropene	7.911	75	104540	46.173	ug/l	97
37) Ethyl Acetate	7.063	43	45277	41.804	ug/l	96
38) Carbon Tetrachloride	7.893	117	103520	44.641	ug/l	97
39) Methylcyclohexane	9.179	83	141636	44.845	ug/l	97
40) Benzene	8.155	78	331429	48.019	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	22065m	40.813	ug/l	
42) 1,2-Dichloroethane	8.234	62	73750	44.422	ug/l	100
43) Isopropyl Acetate	8.264	43	93174	44.091	ug/l	93
44) Trichloroethene	8.935	130	79076	44.697	ug/l	93
45) 1,2-Dichloropropane	9.209	63	74659	48.095	ug/l	99
46) Dibromomethane	9.301	93	40150	44.078	ug/l	92
47) Bromodichloromethane	9.490	83	102868	46.534	ug/l	98
48) Methyl methacrylate	9.289	41	41161	43.060	ug/l	92
49) 1,4-Dioxane	9.295	88	10592	896.237	ug/l #	97
51) 4-Methyl-2-Pentanone	10.063	43	226396	212.276	ug/l	95
52) Toluene	10.240	92	202733	46.857	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	93463	46.244	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	116742	47.140	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	52837	43.784	ug/l	91
56) Ethyl methacrylate	10.508	69	74655	45.102	ug/l #	88
57) 1,3-Dichloropropane	10.788	76	94760	46.329	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	169425	226.522	ug/l	98
59) 2-Hexanone	10.831	43	152812	208.229	ug/l	93
60) Dibromochloromethane	10.983	129	66879	45.883	ug/l	99
61) 1,2-Dibromoethane	11.087	107	49830	44.751	ug/l	98
64) Tetrachloroethene	10.715	164	68566	42.382	ug/l	94
65) Chlorobenzene	11.514	112	214236	45.475	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	70960	47.612	ug/l	96
67) Ethyl Benzene	11.587	91	372561	45.031	ug/l	98
68) m/p-Xylenes	11.703	106	290350	91.209	ug/l	100
69) o-Xylene	12.026	106	138271	46.026	ug/l	97
70) Styrene	12.044	104	232114	46.741	ug/l	99
71) Bromoform	12.209	173	36486	46.284	ug/l #	98
73) Isopropylbenzene	12.325	105	355058	44.270	ug/l	99
74) N-amyl acetate	12.142	43	72759	38.883	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	54483	39.867	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	37074m	40.424	ug/l	
77) Bromobenzene	12.605	156	78698	44.801	ug/l	96
78) n-propylbenzene	12.672	91	417391	43.463	ug/l	98
79) 2-Chlorotoluene	12.757	91	226315	43.529	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	281835	44.718	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	18358	41.184	ug/l	97
82) 4-Chlorotoluene	12.849	91	232209	44.050	ug/l	97
83) tert-Butylbenzene	13.075	119	257525	44.203	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	279265	45.054	ug/l	99
85) sec-Butylbenzene	13.251	105	376631	43.712	ug/l	99
86) p-Isopropyltoluene	13.367	119	311423	44.188	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	154606	44.696	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	152465	44.285	ug/l	98
89) n-Butylbenzene	13.696	91	285546	43.114	ug/l	99
90) Hexachloroethane	13.958	117	58430	44.895	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	132259	44.065	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7660	40.866	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	71773	41.981	ug/l	98
94) Hexachlorobutadiene	15.111	225	38973	44.545	ug/l	97
95) Naphthalene	15.233	128	133240	39.632	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	59274	40.779	ug/l	99

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

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