

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012624\
 Data File : VY017124.D
 Acq On : 26 Jan 2024 16:38
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/29/2024
 Supervised By :Semsettin Yesilyurt 01/29/2024

Quant Time: Jan 29 04:18:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	115783	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	192506	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	167763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	74655	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	56842	50.388	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.780%			
35) Dibromofluoromethane	7.722	113	59487	51.200	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.400%			
50) Toluene-d8	10.185	98	231041	52.649	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 105.300%			
62) 4-Bromofluorobenzene	12.489	95	71462	52.862	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.720%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	41356	49.222	ug/l	99
3) Chloromethane	2.119	50	83815	58.326	ug/l	99
4) Vinyl Chloride	2.253	62	101585	62.003	ug/l	99
5) Bromomethane	2.656	94	75165	61.151	ug/l	97
6) Chloroethane	2.796	64	68161	63.033	ug/l	98
7) Trichlorofluoromethane	3.125	101	106446	56.336	ug/l	100
8) Diethyl Ether	3.534	74	32040	48.029	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.906	101	65023	50.208	ug/l	99
10) Methyl Iodide	4.095	142	58861	47.841	ug/l	99
11) Tert butyl alcohol	4.966	59	20228	244.121	ug/l	98
12) 1,1-Dichloroethene	3.875	96	60002	50.614	ug/l	94
13) Acrolein	3.735	56	24550	181.460	ug/l	98
14) Allyl chloride	4.485	41	94882	52.952	ug/l	98
15) Acrylonitrile	5.174	53	72971	252.037	ug/l	100
16) Acetone	3.948	43	70416	228.644	ug/l	98
17) Carbon Disulfide	4.198	76	175406	49.092	ug/l	100
18) Methyl Acetate	4.485	43	63141	54.561	ug/l	98
19) Methyl tert-butyl Ether	5.229	73	144150	49.829	ug/l	96
20) Methylene Chloride	4.723	84	72896	59.233	ug/l	99
21) trans-1,2-Dichloroethene	5.222	96	71077	51.834	ug/l	98
22) Diisopropyl ether	6.125	45	218084	55.138	ug/l	94
23) Vinyl Acetate	6.064	43	489891	255.338	ug/l	100
24) 1,1-Dichloroethane	6.021	63	127662	52.917	ug/l	98
25) 2-Butanone	6.990	43	101329	241.619	ug/l	96
26) 2,2-Dichloropropane	6.984	77	106874	51.868	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	80033	52.669	ug/l	99
28) Bromochloromethane	7.338	49	54107	56.336	ug/l	98
29) Tetrahydrofuran	7.350	42	59546	260.313	ug/l	98
30) Chloroform	7.515	83	128767	52.418	ug/l	96
31) Cyclohexane	7.789	56	109994	55.293	ug/l	99
32) 1,1,1-Trichloroethane	7.710	97	110685	52.545	ug/l	99
36) 1,1-Dichloropropene	7.923	75	103150	53.959	ug/l	99
37) Ethyl Acetate	7.082	43	40305	49.034	ug/l	99
38) Carbon Tetrachloride	7.905	117	97222	51.898	ug/l	99
39) Methylcyclohexane	9.191	83	121607	52.890	ug/l	98
40) Benzene	8.167	78	295593	53.245	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	22272	50.663	ug/l	94
42) 1,2-Dichloroethane	8.240	62	74506	51.766	ug/l	100
43) Isopropyl Acetate	8.277	43	78105	50.899	ug/l	100
44) Trichloroethene	8.947	130	74159	52.082	ug/l	100
45) 1,2-Dichloropropane	9.222	63	73088	53.638	ug/l	100
46) Dibromomethane	9.313	93	36506	50.447	ug/l	98
47) Bromodichloromethane	9.502	83	97694	53.065	ug/l	100
48) Methyl methacrylate	9.295	41	44974	52.786	ug/l	98
49) 1,4-Dioxane	9.307	88	8521	1197.229	ug/l	97
51) 4-Methyl-2-Pentanone	10.075	43	209824	257.051	ug/l	100
52) Toluene	10.252	92	181879	54.128	ug/l	99
53) t-1,3-Dichloropropene	10.472	75	88100	52.384	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	110161	53.257	ug/l	100
55) 1,1,2-Trichloroethane	10.648	97	51669	51.086	ug/l	98
56) Ethyl methacrylate	10.514	69	47093	53.245	ug/l	100
57) 1,3-Dichloropropane	10.795	76	88439	51.720	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	151066	246.058	ug/l	99
59) 2-Hexanone	10.837	43	148391	238.286	ug/l	100
60) Dibromochloromethane	10.990	129	61293	52.162	ug/l	97
61) 1,2-Dibromoethane	11.093	107	46827	50.966	ug/l	99
64) Tetrachloroethene	10.728	164	60012	51.321	ug/l	99
65) Chlorobenzene	11.526	112	184059	51.773	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	67685	52.122	ug/l	99
67) Ethyl Benzene	11.599	91	349407	54.063	ug/l	100
68) m/p-Xylenes	11.709	106	261694	107.772	ug/l	99
69) o-Xylene	12.038	106	120369	54.572	ug/l	100
70) Styrene	12.051	104	178053	55.605	ug/l	100
71) Bromoform	12.215	173	32506	49.921	ug/l #	99
73) Isopropylbenzene	12.337	105	331655	54.040	ug/l	100
74) N-amyl acetate	12.154	43	63025	50.948	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.593	83	56888	48.610	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	42443m	46.838	ug/l	
77) Bromobenzene	12.617	156	68037	51.234	ug/l	99
78) n-propylbenzene	12.678	91	405727	54.964	ug/l	100
79) 2-Chlorotoluene	12.764	91	217055	53.584	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	265744	54.711	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	16854	48.151	ug/l	99
82) 4-Chlorotoluene	12.861	91	222579	53.018	ug/l	99
83) tert-Butylbenzene	13.081	119	224214	53.367	ug/l	97
84) 1,2,4-Trimethylbenzene	13.130	105	262269	54.327	ug/l	99
85) sec-Butylbenzene	13.264	105	342222	55.011	ug/l	99
86) p-Isopropyltoluene	13.380	119	287657	55.511	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	137074	52.281	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	132205	51.249	ug/l	100
89) n-Butylbenzene	13.703	91	280185	56.056	ug/l	100
90) Hexachloroethane	13.971	117	57699	53.422	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	114736	51.244	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	6827	45.675	ug/l	98
93) 1,2,4-Trichlorobenzene	15.019	180	60804	51.967	ug/l	97
94) Hexachlorobutadiene	15.123	225	36148	51.333	ug/l	99
95) Naphthalene	15.245	128	102306	49.506	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	49855	51.216	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

