

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022924\
 Data File : VY017540.D
 Acq On : 29 Feb 2024 20:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/01/2024
 Supervised By :Mahesh Dadoda 03/01/2024

Quant Time: Mar 01 00:35:24 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	7.807	168	116975	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	191458	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	170830	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	79500	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	57346	51.728	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.460%			
35) Dibromofluoromethane	7.728	113	64867	48.621	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.240%			
50) Toluene-d8	10.191	98	240899	51.644	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.280%			
62) 4-Bromofluorobenzene	12.495	95	73747	50.306	ug/l	0.01
Spiked Amount 50.000	Range 30 - 143		Recovery = 100.620%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	39154	45.376	ug/l	99
3) Chloromethane	2.119	50	77441	49.119	ug/l	98
4) Vinyl Chloride	2.253	62	97539	48.225	ug/l	100
5) Bromomethane	2.656	94	87814	53.277	ug/l	96
6) Chloroethane	2.802	64	68254	53.493	ug/l	95
7) Trichlorofluoromethane	3.131	101	98769	47.913	ug/l	92
8) Diethyl Ether	3.534	74	35176	58.180	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.912	101	60650	51.151	ug/l	99
10) Methyl Iodide	4.107	142	71615	53.818	ug/l	99
11) Tert butyl alcohol	4.966	59	20973	222.716	ug/l #	82
12) 1,1-Dichloroethene	3.881	96	58614	53.043	ug/l	99
13) Acrolein	3.735	56	36452	293.368	ug/l	100
14) Allyl chloride	4.497	41	74721	55.963	ug/l	95
15) Acrylonitrile	5.174	53	75812	305.025	ug/l	99
16) Acetone	3.954	43	55480	258.016	ug/l	95
17) Carbon Disulfide	4.204	76	173461	52.298	ug/l	98
18) Methyl Acetate	4.491	43	34457	66.052	ug/l	99
19) Methyl tert-butyl Ether	5.235	73	152443	59.188	ug/l	98
20) Methylene Chloride	4.729	84	72486	58.285	ug/l	97
21) trans-1,2-Dichloroethene	5.235	96	72645	56.148	ug/l	99
22) Diisopropyl ether	6.131	45	184943	60.026	ug/l	95
23) Vinyl Acetate	6.076	43	541879	295.144	ug/l	100
24) 1,1-Dichloroethane	6.033	63	121932	57.927	ug/l	99
25) 2-Butanone	7.003	43	88812	289.821	ug/l	97
26) 2,2-Dichloropropane	6.996	77	86544	48.902	ug/l	97
27) cis-1,2-Dichloroethene	6.996	96	84514	58.178	ug/l	96
28) Bromochloromethane	7.350	49	60070	72.461	ug/l	97
29) Tetrahydrofuran	7.362	42	57612	311.883	ug/l	99
30) Chloroform	7.521	83	131452	58.656	ug/l	99
31) Cyclohexane	7.801	56	89471	49.592	ug/l	98
32) 1,1,1-Trichloroethane	7.716	97	107049	55.020	ug/l	99
36) 1,1-Dichloropropene	7.929	75	94923	52.734	ug/l	99
37) Ethyl Acetate	7.088	43	40409	56.838	ug/l	97
38) Carbon Tetrachloride	7.917	117	94327	52.286	ug/l	99
39) Methylcyclohexane	9.197	83	106563	49.260	ug/l	98
40) Benzene	8.173	78	295210	55.224	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	18892	52.954	ug/l #	85
42) 1,2-Dichloroethane	8.246	62	72410	55.518	ug/l	98
43) Isopropyl Acetate	8.289	43	72086	57.700	ug/l	99
44) Trichloroethene	8.953	130	82659	53.648	ug/l	99
45) 1,2-Dichloropropane	9.228	63	70658	55.557	ug/l	100
46) Dibromomethane	9.319	93	40784	56.033	ug/l	96
47) Bromodichloromethane	9.508	83	99523	56.314	ug/l	98
48) Methyl methacrylate	9.307	41	32734	56.605	ug/l	94
49) 1,4-Dioxane	9.307	88	9197	1116.505	ug/l #	93
51) 4-Methyl-2-Pentanone	10.081	43	206398	296.427	ug/l	99
52) Toluene	10.258	92	185348	55.000	ug/l	100
53) t-1,3-Dichloropropene	10.478	75	89721	54.696	ug/l	97
54) cis-1,3-Dichloropropene	9.941	75	109527	54.951	ug/l	95
55) 1,1,2-Trichloroethane	10.654	97	58583	56.688	ug/l	98
56) Ethyl methacrylate	10.520	69	68707	53.838	ug/l	99
57) 1,3-Dichloropropane	10.801	76	95215	56.669	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	184594	309.546	ug/l	99
59) 2-Hexanone	10.843	43	138945	290.519	ug/l	98
60) Dibromochloromethane	10.996	129	69676	56.992	ug/l	99
61) 1,2-Dibromoethane	11.099	107	54077	56.783	ug/l	99
64) Tetrachloroethene	10.734	164	85132	51.920	ug/l	97
65) Chlorobenzene	11.526	112	197845	54.563	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.599	131	75112	55.294	ug/l	99
67) Ethyl Benzene	11.605	91	349012	54.884	ug/l	97
68) m/p-Xylenes	11.715	106	275174	110.125	ug/l	98
69) o-Xylene	12.044	106	129177	55.724	ug/l	98
70) Styrene	12.057	104	217772	56.594	ug/l	98
71) Bromoform	12.221	173	43209	57.400	ug/l #	98
73) Isopropylbenzene	12.343	105	326577	55.293	ug/l	100
74) N-amyl acetate	12.154	43	60320	57.905	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.593	83	62373	61.497	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	44237m	58.563	ug/l	
77) Bromobenzene	12.617	156	79198	55.370	ug/l	98
78) n-propylbenzene	12.684	91	390542	55.107	ug/l	99
79) 2-Chlorotoluene	12.770	91	217842	54.902	ug/l	98
80) 1,3,5-Trimethylbenzene	12.825	105	263520	55.690	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	18166	55.259	ug/l	97
82) 4-Chlorotoluene	12.867	91	222196	54.750	ug/l	98
83) tert-Butylbenzene	13.087	119	230437	55.457	ug/l	97
84) 1,2,4-Trimethylbenzene	13.130	105	260529	55.769	ug/l	100
85) sec-Butylbenzene	13.264	105	342649	53.936	ug/l	100
86) p-Isopropyltoluene	13.379	119	279219	53.691	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	154962	53.975	ug/l	98
88) 1,4-Dichlorobenzene	13.459	146	148130	53.071	ug/l	98
89) n-Butylbenzene	13.709	91	244096	51.445	ug/l	99
90) Hexachloroethane	13.971	117	55863	53.580	ug/l	97
91) 1,2-Dichlorobenzene	13.751	146	134634	55.441	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	7579	53.154	ug/l	98
93) 1,2,4-Trichlorobenzene	15.019	180	62664	48.853	ug/l	100
94) Hexachlorobutadiene	15.123	225	37138	46.894	ug/l	98
95) Naphthalene	15.245	128	113149	45.875	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	53412	48.538	ug/l	99

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

