

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030124\
 Data File : VY017560.D
 Acq On : 01 Mar 2024 18:58
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2024
 Supervised By :Mahesh Dadoda 03/04/2024

Quant Time: Mar 02 00:23:09 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	133474	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	216396	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	187242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	89979	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	68199	53.913	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.820%			
35) Dibromofluoromethane	7.728	113	80741	53.545	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.080%			
50) Toluene-d8	10.185	98	306568	58.148	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 116.300%			
62) 4-Bromofluorobenzene	12.483	95	94163	56.830	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 113.660%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	46676	47.407	ug/l	99
3) Chloromethane	2.113	50	100972	56.128	ug/l	97
4) Vinyl Chloride	2.253	62	127614	55.295	ug/l	98
5) Bromomethane	2.656	94	110605	58.809	ug/l	99
6) Chloroethane	2.796	64	82044	56.352	ug/l	98
7) Trichlorofluoromethane	3.125	101	118926	50.560	ug/l	96
8) Diethyl Ether	3.540	74	35610	51.617	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.906	101	68375	50.537	ug/l	99
10) Methyl Iodide	4.101	142	75469	49.704	ug/l	99
11) Tert butyl alcohol	4.985	59	17583	163.636	ug/l #	92
12) 1,1-Dichloroethene	3.875	96	67085	53.205	ug/l	99
13) Acrolein	3.741	56	34055	240.198	ug/l	98
14) Allyl chloride	4.491	41	82032	53.844	ug/l	97
15) Acrylonitrile	5.180	53	65616	231.368	ug/l	98
16) Acetone	3.967	43	51594	210.284	ug/l	95
17) Carbon Disulfide	4.204	76	212445	56.134	ug/l	98
18) Methyl Acetate	4.491	43	30563	51.345	ug/l	99
19) Methyl tert-butyl Ether	5.235	73	148953	50.684	ug/l	99
20) Methylene Chloride	4.729	84	84606	59.762	ug/l	98
21) trans-1,2-Dichloroethene	5.229	96	80084	54.246	ug/l	99
22) Diisopropyl ether	6.131	45	191085	54.353	ug/l	96
23) Vinyl Acetate	6.070	43	539899	257.716	ug/l	99
24) 1,1-Dichloroethane	6.027	63	129704	54.002	ug/l	99
25) 2-Butanone	7.003	43	79744	228.061	ug/l	94
26) 2,2-Dichloropropane	6.990	77	98837	48.944	ug/l	97
27) cis-1,2-Dichloroethene	6.997	96	88168	53.191	ug/l	99
28) Bromochloromethane	7.344	49	56106	59.313	ug/l	99
29) Tetrahydrofuran	7.362	42	49351	234.137	ug/l	100
30) Chloroform	7.515	83	136076	53.214	ug/l	99
31) Cyclohexane	7.795	56	108914	52.906	ug/l	96
32) 1,1,1-Trichloroethane	7.710	97	116540	52.494	ug/l	100
36) 1,1-Dichloropropene	7.923	75	104925	51.573	ug/l	100
37) Ethyl Acetate	7.088	43	35445	44.110	ug/l	96
38) Carbon Tetrachloride	7.911	117	104008	51.008	ug/l	97
39) Methylcyclohexane	9.191	83	129212	52.847	ug/l	96
40) Benzene	8.167	78	317099	52.483	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	17759	44.041	ug/l	93
42) 1,2-Dichloroethane	8.246	62	72374	49.095	ug/l	99
43) Isopropyl Acetate	8.283	43	69098	48.934	ug/l	98
44) Trichloroethene	8.947	130	88042	50.556	ug/l	99
45) 1,2-Dichloropropane	9.222	63	74424	51.774	ug/l	97
46) Dibromomethane	9.313	93	40526	49.262	ug/l	98
47) Bromodichloromethane	9.502	83	100589	50.357	ug/l	99
48) Methyl methacrylate	9.301	41	32637	49.934	ug/l	98
49) 1,4-Dioxane	9.325	88	8089	868.827	ug/l #	96
51) 4-Methyl-2-Pentanone	10.075	43	185429	235.621	ug/l	99
52) Toluene	10.252	92	198164	52.026	ug/l	99
53) t-1,3-Dichloropropene	10.472	75	91336	49.263	ug/l	96
54) cis-1,3-Dichloropropene	9.935	75	110311	48.966	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	55458	47.480	ug/l	98
56) Ethyl methacrylate	10.514	69	65731	45.960	ug/l	99
57) 1,3-Dichloropropane	10.795	76	92934	48.937	ug/l	99
59) 2-Hexanone	10.837	43	128469	237.659	ug/l	100
60) Dibromochloromethane	10.990	129	67712	49.003	ug/l	98
61) 1,2-Dibromoethane	11.093	107	52194	48.490	ug/l	99
64) Tetrachloroethene	10.728	164	88947	49.492	ug/l	97
65) Chlorobenzene	11.520	112	206337	51.917	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	76896	51.645	ug/l	98
67) Ethyl Benzene	11.599	91	378610	54.320	ug/l	98
68) m/p-Xylenes	11.709	106	296528	108.269	ug/l	99
69) o-Xylene	12.032	106	136456	53.704	ug/l	99
70) Styrene	12.051	104	228398	54.153	ug/l	98
71) Bromoform	12.215	173	40191	48.711	ug/l #	98
73) Isopropylbenzene	12.337	105	356262	53.294	ug/l	100
74) N-amyl acetate	12.148	43	62721	53.197	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	59950	52.224	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	39800m	46.553	ug/l	
77) Bromobenzene	12.611	156	81807	50.533	ug/l	97
78) n-propylbenzene	12.678	91	433519	54.047	ug/l	99
79) 2-Chlorotoluene	12.764	91	235335	52.403	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	288855	53.935	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	17311	46.526	ug/l	99
82) 4-Chlorotoluene	12.861	91	240211	52.296	ug/l	98
83) tert-Butylbenzene	13.081	119	253175	53.834	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	282038	53.342	ug/l	99
85) sec-Butylbenzene	13.258	105	382196	53.155	ug/l	99
86) p-Isopropyltoluene	13.373	119	315602	53.619	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	164283	50.558	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	161292	51.056	ug/l	98
89) n-Butylbenzene	13.703	91	287240	53.488	ug/l	99
90) Hexachloroethane	13.965	117	60869	51.583	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	139893	50.897	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8166	50.601	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	74545	51.347	ug/l	99
94) Hexachlorobutadiene	15.117	225	43718	48.774	ug/l	99
95) Naphthalene	15.239	128	134226	47.894	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	64526	51.809	ug/l	98

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

