

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030524\
 Data File : VY017566.D
 Acq On : 05 Mar 2024 13:06
 Operator : SY/MD
 Sample : VY0305SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0305SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/06/2024
 Supervised By :Semsettin Yesilyurt 03/06/2024

Quant Time: Mar 05 22:02:59 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	7.789	168	138153	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	214214	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	187534	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	89209	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	68087	52.002	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.000%			
35) Dibromofluoromethane	7.716	113	79139	53.017	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.040%			
50) Toluene-d8	10.185	98	296721	56.853	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 113.700%			
62) 4-Bromofluorobenzene	12.489	95	89755	54.721	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 109.440%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	21051	20.657	ug/l	99
3) Chloromethane	2.113	50	35301	18.958	ug/l	99
4) Vinyl Chloride	2.247	62	47479	19.876	ug/l	99
5) Bromomethane	2.644	94	39915	20.504	ug/l	98
6) Chloroethane	2.790	64	31674	21.019	ug/l	99
7) Trichlorofluoromethane	3.119	101	51348	21.091	ug/l	95
8) Diethyl Ether	3.528	74	14225	19.921	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.900	101	30880	22.051	ug/l	99
10) Methyl Iodide	4.088	142	30762	19.574	ug/l	97
11) Tert butyl alcohol	4.948	59	10406	93.564	ug/l #	93
12) 1,1-Dichloroethene	3.869	96	27129	20.787	ug/l	99
13) Acrolein	3.723	56	15162	103.319	ug/l	99
14) Allyl chloride	4.473	41	33030	20.946	ug/l	96
15) Acrylonitrile	5.161	53	30875	105.181	ug/l	100
16) Acetone	3.942	43	29731	117.072	ug/l	95
17) Carbon Disulfide	4.192	76	66999	17.103	ug/l	97
18) Methyl Acetate	4.479	43	12736	20.672	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	64562	21.224	ug/l	99
20) Methylene Chloride	4.710	84	40355	24.223	ug/l	96
21) trans-1,2-Dichloroethene	5.216	96	30655	20.061	ug/l	99
22) Diisopropyl ether	6.119	45	79502	21.848	ug/l	94
23) Vinyl Acetate	6.064	43	231177	106.613	ug/l	99
24) 1,1-Dichloroethane	6.021	63	53465	21.506	ug/l	98
25) 2-Butanone	6.984	43	40903	113.017	ug/l	93
26) 2,2-Dichloropropane	6.984	77	46608	22.299	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	35332	20.594	ug/l	99
28) Bromochloromethane	7.332	49	20325	20.759	ug/l	100
29) Tetrahydrofuran	7.350	42	22962	105.250	ug/l	98
30) Chloroform	7.509	83	57918	21.882	ug/l	98
31) Cyclohexane	7.789	56	42929	20.147	ug/l	94
32) 1,1,1-Trichloroethane	7.704	97	50100	21.802	ug/l	99
36) 1,1-Dichloropropene	7.917	75	41322	20.517	ug/l	99
37) Ethyl Acetate	7.070	43	17122	21.525	ug/l	98
38) Carbon Tetrachloride	7.899	117	44044	21.820	ug/l	100
39) Methylcyclohexane	9.185	83	47383	19.577	ug/l	97
40) Benzene	8.161	78	128018	21.404	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	9391m	23.526	ug/l	
42) 1,2-Dichloroethane	8.240	62	31721	21.737	ug/l	100
43) Isopropyl Acetate	8.271	43	29662	21.220	ug/l	98
44) Trichloroethene	8.941	130	35833	20.786	ug/l	94
45) 1,2-Dichloropropane	9.216	63	30222	21.239	ug/l	100
46) Dibromomethane	9.307	93	17272	21.209	ug/l	98
47) Bromodichloromethane	9.496	83	42862	21.676	ug/l	97
48) Methyl methacrylate	9.295	41	13111	20.264	ug/l	94
49) 1,4-Dioxane	9.301	88	3652	396.251	ug/l #	98
51) 4-Methyl-2-Pentanone	10.075	43	84241	108.134	ug/l	99
52) Toluene	10.246	92	79811	21.167	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	39365	21.448	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	48548	21.769	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	24809	21.456	ug/l	95
56) Ethyl methacrylate	10.514	69	27122	20.637	ug/l	97
57) 1,3-Dichloropropane	10.795	76	40368	21.473	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	76324	114.392	ug/l	99
59) 2-Hexanone	10.837	43	61532	114.990	ug/l	99
60) Dibromochloromethane	10.990	129	30096	22.002	ug/l	97
61) 1,2-Dibromoethane	11.093	107	23185	21.759	ug/l	99
64) Tetrachloroethene	10.721	164	36279	20.155	ug/l	99
65) Chlorobenzene	11.520	112	86255	21.669	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	32169	21.572	ug/l	100
67) Ethyl Benzene	11.599	91	148309	21.245	ug/l	99
68) m/p-Xylenes	11.709	106	117224	42.735	ug/l	100
69) o-Xylene	12.032	106	54522	21.424	ug/l	98
70) Styrene	12.050	104	89782	21.254	ug/l	99
71) Bromoform	12.215	173	17492	21.167	ug/l #	99
73) Isopropylbenzene	12.337	105	143554	21.660	ug/l	99
74) N-amyl acetate	12.148	43	26101	22.329	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.587	83	26988	23.713	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	18855m	22.245	ug/l	
77) Bromobenzene	12.617	156	34170	21.289	ug/l	99
78) n-propylbenzene	12.678	91	175533	22.073	ug/l	99
79) 2-Chlorotoluene	12.764	91	96766	21.733	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	116711	21.980	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	8398	22.766	ug/l	96
82) 4-Chlorotoluene	12.861	91	100204	22.003	ug/l	99
83) tert-Butylbenzene	13.081	119	101959	21.867	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	115415	22.017	ug/l	100
85) sec-Butylbenzene	13.258	105	159264	22.341	ug/l	100
86) p-Isopropyltoluene	13.373	119	128229	21.974	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	69307	21.513	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	67926	21.687	ug/l	100
89) n-Butylbenzene	13.703	91	119634	22.470	ug/l	99
90) Hexachloroethane	13.965	117	26517	22.665	ug/l	100
91) 1,2-Dichlorobenzene	13.745	146	59488	21.830	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3334	20.838	ug/l	99
93) 1,2,4-Trichlorobenzene	15.013	180	32086	22.292	ug/l	99
94) Hexachlorobutadiene	15.117	225	20483	23.049	ug/l	97
95) Naphthalene	15.239	128	50206	20.506	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	27263	22.079	ug/l	98

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

