

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041124\
 Data File : VY017903.D
 Acq On : 11 Apr 2024 11:49
 Operator : SY/MD
 Sample : VY0411SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0411SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/12/2024
 Supervised By :Semsettin Yesilyurt 04/12/2024

Quant Time: Apr 12 04:57:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	151845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	238979	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	209150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	96596	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	68776	52.342	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.680%			
35) Dibromofluoromethane	7.716	113	74269	53.782	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.560%			
50) Toluene-d8	10.185	98	279867	54.255	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 108.520%			
62) 4-Bromofluorobenzene	12.483	95	81842	52.148	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.300%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	21437	21.110	ug/l	99
3) Chloromethane	2.113	50	36147	18.238	ug/l	93
4) Vinyl Chloride	2.247	62	60631	23.408	ug/l	96
5) Bromomethane	2.644	94	55830	26.658	ug/l	97
6) Chloroethane	2.790	64	45854	27.133	ug/l	99
7) Trichlorofluoromethane	3.119	101	52183	20.659	ug/l	94
8) Diethyl Ether	3.528	74	12942	17.442	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.900	101	29651	19.574	ug/l	97
10) Methyl Iodide	4.088	142	25270	15.340	ug/l	98
11) Tert butyl alcohol	4.948	59	13161	124.784	ug/l #	86
12) 1,1-Dichloroethene	3.869	96	24114	17.011	ug/l	92
13) Acrolein	3.729	56	6792	73.780	ug/l	98
14) Allyl chloride	4.479	41	27527	15.829	ug/l	87
15) Acrylonitrile	5.161	53	28137	89.836	ug/l	98
16) Acetone	3.948	43	24137	88.867	ug/l	90
17) Carbon Disulfide	4.198	76	43376	10.813	ug/l	98
18) Methyl Acetate	4.485	43	10735	17.844	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	62861	19.368	ug/l	100
20) Methylene Chloride	4.710	84	32334	17.712	ug/l	94
21) trans-1,2-Dichloroethene	5.222	96	26425	17.420	ug/l	99
22) Diisopropyl ether	6.125	45	75820	18.863	ug/l	94
23) Vinyl Acetate	6.064	43	215517	87.818	ug/l	98
24) 1,1-Dichloroethane	6.021	63	50871	19.068	ug/l	97
25) 2-Butanone	6.990	43	34554	89.304	ug/l	100
26) 2,2-Dichloropropane	6.978	77	47039	20.414	ug/l	96
27) cis-1,2-Dichloroethene	6.990	96	34411	19.195	ug/l	97
28) Bromochloromethane	7.338	49	18831	17.357	ug/l	94
29) Tetrahydrofuran	7.350	42	20197	86.994	ug/l	99
30) Chloroform	7.509	83	57448	20.754	ug/l	99
31) Cyclohexane	7.783	56	35149	15.185	ug/l	97
32) 1,1,1-Trichloroethane	7.704	97	48805	20.716	ug/l	97
36) 1,1-Dichloropropene	7.923	75	34766	17.255	ug/l	98
37) Ethyl Acetate	7.076	43	15990	18.390	ug/l	99
38) Carbon Tetrachloride	7.905	117	41864	20.014	ug/l	97
39) Methylcyclohexane	9.185	83	38916	15.462	ug/l	96
40) Benzene	8.161	78	115550	18.609	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	9278m	20.892	ug/l	
42) 1,2-Dichloroethane	8.240	62	30639	20.047	ug/l	97
43) Isopropyl Acetate	8.277	43	29252	18.538	ug/l	97
44) Trichloroethene	8.947	130	30485	18.870	ug/l	97
45) 1,2-Dichloropropane	9.222	63	27393	18.985	ug/l	100
46) Dibromomethane	9.307	93	15972	19.484	ug/l	97
47) Bromodichloromethane	9.502	83	43201	20.857	ug/l	95
48) Methyl methacrylate	9.295	41	12034	19.885	ug/l #	89
49) 1,4-Dioxane	9.301	88	3476	377.720	ug/l #	97
51) 4-Methyl-2-Pentanone	10.075	43	79868	110.421	ug/l	99
52) Toluene	10.246	92	72118	19.148	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	35697	19.410	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	42841	19.086	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	22648	20.734	ug/l	99
56) Ethyl methacrylate	10.514	69	25342	21.045	ug/l #	93
57) 1,3-Dichloropropane	10.795	76	37279	20.179	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	63068	100.568	ug/l	100
59) 2-Hexanone	10.837	43	51785	103.394	ug/l	100
60) Dibromochloromethane	10.990	129	28201	20.470	ug/l	100
61) 1,2-Dibromoethane	11.093	107	19456	19.534	ug/l	98
64) Tetrachloroethene	10.721	164	34924	19.145	ug/l	99
65) Chlorobenzene	11.520	112	84028	19.585	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.593	131	29279	20.098	ug/l	99
67) Ethyl Benzene	11.593	91	140153	19.003	ug/l	98
68) m/p-Xylenes	11.703	106	107419	38.404	ug/l	98
69) o-Xylene	12.032	106	50395	23.237	ug/l	100
70) Styrene	12.044	104	85294	23.056	ug/l	99
71) Bromoform	12.209	173	15409	19.082	ug/l #	99
73) Isopropylbenzene	12.331	105	135534	20.021	ug/l	99
74) N-amyl acetate	12.148	43	23680	20.569	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	22760	19.436	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	15114m	17.170	ug/l	
77) Bromobenzene	12.611	156	31279	19.401	ug/l	99
78) n-propylbenzene	12.672	91	165084	19.986	ug/l	99
79) 2-Chlorotoluene	12.758	91	89765	19.840	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	106651	20.187	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	7452	21.628	ug/l	96
82) 4-Chlorotoluene	12.855	91	92490	19.742	ug/l	100
83) tert-Butylbenzene	13.075	119	99615	20.739	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	104789	19.916	ug/l	98
85) sec-Butylbenzene	13.258	105	150747	20.911	ug/l	98
86) p-Isopropyltoluene	13.373	119	120401	19.981	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	63656	19.898	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	64060	20.921	ug/l	98
89) n-Butylbenzene	13.697	91	110746	19.976	ug/l	99
90) Hexachloroethane	13.965	117	24980	20.847	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	54412	20.519	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	2776	17.543	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	28688	19.751	ug/l	99
94) Hexachlorobutadiene	15.111	225	17179	19.511	ug/l	99
95) Naphthalene	15.239	128	43507	21.107	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	24136	19.672	ug/l	98

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

