

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042324\
 Data File : VY018018.D
 Acq On : 23 Apr 2024 10:48
 Operator : SY/MD
 Sample : VY0423SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0423SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/24/2024
 Supervised By :Semsettin Yesilyurt 04/24/2024

Quant Time: Apr 24 01:12:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	340157	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	531501	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	455965	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	210826	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	151229	51.375	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.760%			
35) Dibromofluoromethane	7.722	113	169804	51.785	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.560%			
50) Toluene-d8	10.185	98	680345	54.680	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 109.360%			
62) 4-Bromofluorobenzene	12.483	95	200407	52.008	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.020%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	61574	22.818	ug/l	97
3) Chloromethane	2.113	50	94459	21.125	ug/l	96
4) Vinyl Chloride	2.253	62	107649	21.359	ug/l	99
5) Bromomethane	2.650	94	75487	22.503	ug/l	97
6) Chloroethane	2.790	64	68171	21.425	ug/l	97
7) Trichlorofluoromethane	3.125	101	126528	22.276	ug/l	96
8) Diethyl Ether	3.528	74	38265	21.319	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.899	101	80577	22.781	ug/l	100
10) Methyl Iodide	4.095	142	99452	21.134	ug/l	100
11) Tert butyl alcohol	4.954	59	21150	91.102	ug/l #	84
12) 1,1-Dichloroethene	3.869	96	78509	22.864	ug/l	96
13) Acrolein	3.729	56	32192	140.421	ug/l	98
14) Allyl chloride	4.479	41	103613	23.317	ug/l	93
15) Acrylonitrile	5.161	53	78056	107.110	ug/l	99
16) Acetone	3.942	43	54133	93.072	ug/l	94
17) Carbon Disulfide	4.192	76	230109	21.066	ug/l	98
18) Methyl Acetate	4.479	43	30338	19.828	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	154003	20.579	ug/l	99
20) Methylene Chloride	4.716	84	87737	22.266	ug/l	96
21) trans-1,2-Dichloroethene	5.222	96	82487	21.929	ug/l	95
22) Diisopropyl ether	6.119	45	233230	23.942	ug/l	96
23) Vinyl Acetate	6.058	43	631056	109.242	ug/l	95
24) 1,1-Dichloroethane	6.015	63	146355	23.010	ug/l	97
25) 2-Butanone	6.990	43	87513	102.364	ug/l	94
26) 2,2-Dichloropropane	6.984	77	116638	22.857	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	92513	21.535	ug/l	95
28) Bromochloromethane	7.338	49	61973	24.770	ug/l	89
29) Tetrahydrofuran	7.350	42	54744	100.906	ug/l	93
30) Chloroform	7.509	83	144858	22.284	ug/l	99
31) Cyclohexane	7.789	56	124406	22.111	ug/l	98
32) 1,1,1-Trichloroethane	7.704	97	120551	22.266	ug/l	97
36) 1,1-Dichloropropene	7.917	75	106248	22.280	ug/l	98
37) Ethyl Acetate	7.076	43	42145	21.481	ug/l	97
38) Carbon Tetrachloride	7.899	117	107788	22.373	ug/l	98
39) Methylcyclohexane	9.185	83	130609	21.017	ug/l	91
40) Benzene	8.161	78	337746	22.611	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	25753m	20.802	ug/l	
42) 1,2-Dichloroethane	8.240	62	73403	21.447	ug/l	99
43) Isopropyl Acetate	8.277	43	75269	20.581	ug/l	98
44) Trichloroethene	8.941	130	83289	21.943	ug/l	96
45) 1,2-Dichloropropane	9.216	63	78207	22.745	ug/l	98
46) Dibromomethane	9.307	93	39484	20.760	ug/l	99
47) Bromodichloromethane	9.496	83	104227	21.843	ug/l	96
48) Methyl methacrylate	9.295	41	33569	20.031	ug/l	96
49) 1,4-Dioxane	9.301	88	8150	375.363	ug/l #	95
51) 4-Methyl-2-Pentanone	10.075	43	198965	102.624	ug/l	96
52) Toluene	10.246	92	203972	22.253	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	92842	21.313	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	115968	21.671	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	54012	20.891	ug/l	96
56) Ethyl methacrylate	10.514	69	65340	19.385	ug/l	95
57) 1,3-Dichloropropane	10.795	76	93133	21.273	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	170192	97.140	ug/l	96
59) 2-Hexanone	10.837	43	133399	100.795	ug/l	95
60) Dibromochloromethane	10.990	129	68872	20.727	ug/l	98
61) 1,2-Dibromoethane	11.093	107	48740	20.228	ug/l	98
64) Tetrachloroethene	10.721	164	71235	21.809	ug/l	97
65) Chlorobenzene	11.520	112	221667	22.182	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	73309	22.247	ug/l	99
67) Ethyl Benzene	11.593	91	376901	22.399	ug/l	99
68) m/p-Xylenes	11.703	106	289042	44.725	ug/l	97
69) o-Xylene	12.032	106	132028	21.876	ug/l	98
70) Styrene	12.044	104	224527	22.012	ug/l	100
71) Bromoform	12.209	173	37646	19.774	ug/l #	97
73) Isopropylbenzene	12.331	105	348867	22.710	ug/l	100
74) N-amyl acetate	12.148	43	64610	20.835	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	59967	20.930	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	36519m	18.459	ug/l	
77) Bromobenzene	12.611	156	81135	21.825	ug/l	97
78) n-propylbenzene	12.672	91	437374	23.466	ug/l	99
79) 2-Chlorotoluene	12.758	91	238292	22.841	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	277172	22.754	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	20161	21.012	ug/l	99
82) 4-Chlorotoluene	12.855	91	245276	22.700	ug/l	99
83) tert-Butylbenzene	13.075	119	247881	22.280	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	276130	22.763	ug/l	99
85) sec-Butylbenzene	13.251	105	385367	23.061	ug/l	100
86) p-Isopropyltoluene	13.373	119	309614	22.548	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	158612	21.503	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	155945	21.537	ug/l	99
89) n-Butylbenzene	13.696	91	295009	22.837	ug/l	97
90) Hexachloroethane	13.965	117	63827	22.668	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	136217	21.406	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7141	19.377	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	74953	20.226	ug/l	96
94) Hexachlorobutadiene	15.111	225	46617	21.205	ug/l	98
95) Naphthalene	15.239	128	111755	18.300	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	62438	20.080	ug/l	98

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

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