

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042924\
 Data File : VY018069.D
 Acq On : 29 Apr 2024 15:32
 Operator : SY/MD
 Sample : VY0429SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0429SBS01

Quant Time: Apr 30 00:59:24 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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/30/2024
 Supervised By :Semsettin Yesilyurt 04/30/2024

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	332307	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.679	114	532211	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.483	117	469467	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	223217	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	134883	46.905	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.800%		
35) Dibromofluoromethane	7.710	113	167800	51.105	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.220%		
50) Toluene-d8	10.173	98	619069	49.689	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	99.380%		
62) 4-Bromofluorobenzene	12.477	95	188005	48.724	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	97.440%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	45510	17.263	ug/l	97
3) Chloromethane	2.101	50	71233	16.307	ug/l	98
4) Vinyl Chloride	2.241	62	85277	17.320	ug/l	99
5) Bromomethane	2.637	94	75020	22.892	ug/l	99
6) Chloroethane	2.784	64	55732	17.930	ug/l	99
7) Trichlorofluoromethane	3.113	101	100596	18.129	ug/l	96
8) Diethyl Ether	3.515	74	33371	19.032	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.887	101	67012	19.393	ug/l	97
10) Methyl Iodide	4.076	142	79883	17.377	ug/l	96
11) Tert butyl alcohol	4.948	59	18554	80.214	ug/l #	95
12) 1,1-Dichloroethene	3.863	96	62897	18.750	ug/l	91
13) Acrolein	3.717	56	30100	134.397	ug/l	98
14) Allyl chloride	4.466	41	69732	16.063	ug/l	91
15) Acrylonitrile	5.149	53	66163	92.935	ug/l	99
16) Acetone	3.942	43	45415	79.927	ug/l	93
17) Carbon Disulfide	4.180	76	164484	15.414	ug/l	97
18) Methyl Acetate	4.466	43	26565	17.772	ug/l	94
19) Methyl tert-butyl Ether	5.204	73	135751	18.569	ug/l	98
20) Methylene Chloride	4.698	84	120790	31.378	ug/l	92
21) trans-1,2-Dichloroethene	5.204	96	67172	18.279	ug/l	98
22) Diisopropyl ether	6.100	45	171309	18.001	ug/l	99
23) Vinyl Acetate	6.045	43	476631	84.459	ug/l	97
24) 1,1-Dichloroethane	6.003	63	115348	18.563	ug/l	98
25) 2-Butanone	6.978	43	71691	85.838	ug/l	98
26) 2,2-Dichloropropane	6.966	77	91934	18.442	ug/l	97
27) cis-1,2-Dichloroethene	6.972	96	80047	19.073	ug/l	97
28) Bromochloromethane	7.320	49	47748	19.535	ug/l	93
29) Tetrahydrofuran	7.338	42	46041	86.869	ug/l	97
30) Chloroform	7.496	83	122146	19.234	ug/l	96
31) Cyclohexane	7.777	56	88693	16.136	ug/l	92
32) 1,1,1-Trichloroethane	7.691	97	99313	18.776	ug/l	98
36) 1,1-Dichloropropene	7.911	75	84273	17.649	ug/l	99
37) Ethyl Acetate	7.063	43	35560	18.101	ug/l	97
38) Carbon Tetrachloride	7.893	117	87276	18.091	ug/l	99
39) Methylcyclohexane	9.179	83	101244	16.270	ug/l	98
40) Benzene	8.155	78	281856	18.844	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	26916m	21.713	ug/l	
42) 1,2-Dichloroethane	8.228	62	60468	17.644	ug/l	95
43) Isopropyl Acetate	8.264	43	61071	16.676	ug/l	98
44) Trichloroethene	8.935	130	71837	18.901	ug/l	96
45) 1,2-Dichloropropane	9.209	63	65201	18.937	ug/l	98
46) Dibromomethane	9.301	93	36688	19.264	ug/l	97
47) Bromodichloromethane	9.490	83	92013	19.258	ug/l	98
48) Methyl methacrylate	9.289	41	26504	15.794	ug/l	87
49) 1,4-Dioxane	9.301	88	8370	384.981	ug/l #	96
51) 4-Methyl-2-Pentanone	10.063	43	172805	89.012	ug/l	97
52) Toluene	10.240	92	175585	19.131	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	80609	18.480	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	99336	18.538	ug/l	93
55) 1,1,2-Trichloroethane	10.636	97	52676	20.347	ug/l	97
56) Ethyl methacrylate	10.508	69	59913	17.752	ug/l	93
57) 1,3-Dichloropropane	10.782	76	85444	19.491	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	146849	83.704	ug/l	99
59) 2-Hexanone	10.831	43	118384	89.330	ug/l	98
60) Dibromochloromethane	10.977	129	65398	19.655	ug/l	100
61) 1,2-Dibromoethane	11.087	107	46666	19.342	ug/l	100
64) Tetrachloroethene	10.715	164	63198	18.792	ug/l	98
65) Chlorobenzene	11.514	112	196022	19.051	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	64994	19.157	ug/l	97
67) Ethyl Benzene	11.587	91	315747	18.225	ug/l	97
68) m/p-Xylenes	11.697	106	248112	37.287	ug/l	100
69) o-Xylene	12.026	106	114129	18.367	ug/l	100
70) Styrene	12.038	104	197820	18.836	ug/l	97
71) Bromoform	12.203	173	37778	19.272	ug/l #	98
73) Isopropylbenzene	12.325	105	294512	18.107	ug/l	98
74) N-amyl acetate	12.142	43	54043	16.460	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	60563	19.965	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	43512m	20.773	ug/l	
77) Bromobenzene	12.605	156	74296	18.876	ug/l	98
78) n-propylbenzene	12.666	91	366607	18.577	ug/l	99
79) 2-Chlorotoluene	12.751	91	205902	18.641	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	236682	18.352	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	19186	18.885	ug/l	94
82) 4-Chlorotoluene	12.849	91	210741	18.421	ug/l	96
83) tert-Butylbenzene	13.069	119	211057	17.917	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	237000	18.453	ug/l	99
85) sec-Butylbenzene	13.251	105	326916	18.477	ug/l	100
86) p-Isopropyltoluene	13.367	119	261777	18.006	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	145978	18.692	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	144648	18.867	ug/l	99
89) n-Butylbenzene	13.690	91	243380	17.794	ug/l	99
90) Hexachloroethane	13.959	117	56442	18.933	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	128894	19.131	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6820	17.479	ug/l	94
93) 1,2,4-Trichlorobenzene	15.001	180	69041	17.596	ug/l	98
94) Hexachlorobutadiene	15.105	225	39438	16.944	ug/l	97
95) Naphthalene	15.233	128	109140	16.880	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	58248	17.692	ug/l	99

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

