

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042424\
 Data File : VY018030.D
 Acq On : 24 Apr 2024 10:41
 Operator : SY/MD
 Sample : VY0424SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0424SBS01

Quant Time: Apr 25 01:31:56 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 04/25/2024
 Supervised By :Semsettin Yesilyurt 04/25/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.795	168	351989	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	562084	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	488363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	238239	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	147656	48.475	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.960%		
35) Dibromofluoromethane	7.722	113	167451	48.289	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.580%		
50) Toluene-d8	10.185	98	671539	51.036	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	102.080%		
62) 4-Bromofluorobenzene	12.483	95	201318	49.401	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	98.800%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	56159	20.111	ug/l	99
3) Chloromethane	2.113	50	77978	16.853	ug/l	98
4) Vinyl Chloride	2.247	62	89397	17.142	ug/l	100
5) Bromomethane	2.650	94	63914	18.412	ug/l	96
6) Chloroethane	2.790	64	57734	17.535	ug/l	98
7) Trichlorofluoromethane	3.119	101	109513	18.633	ug/l	99
8) Diethyl Ether	3.528	74	33228	17.891	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.899	101	68164	18.623	ug/l	98
10) Methyl Iodide	4.094	142	87902	18.052	ug/l	98
11) Tert butyl alcohol	4.948	59	17482	69.627	ug/l #	84
12) 1,1-Dichloroethene	3.869	96	66409	18.690	ug/l	98
13) Acrolein	3.723	56	30106	126.908	ug/l	98
14) Allyl chloride	4.479	41	86941	18.907	ug/l	93
15) Acrylonitrile	5.161	53	66604	88.323	ug/l	99
16) Acetone	3.948	43	45738	75.995	ug/l	99
17) Carbon Disulfide	4.192	76	196367	17.372	ug/l	97
18) Methyl Acetate	4.479	43	26566	16.779	ug/l	97
19) Methyl tert-butyl Ether	5.222	73	132865	17.158	ug/l	99
20) Methylene Chloride	4.710	84	81147	19.901	ug/l	100
21) trans-1,2-Dichloroethene	5.216	96	72629	18.659	ug/l	96
22) Diisopropyl ether	6.119	45	196738	19.517	ug/l	95
23) Vinyl Acetate	6.058	43	533016	89.169	ug/l	98
24) 1,1-Dichloroethane	6.015	63	127180	19.323	ug/l	96
25) 2-Butanone	6.990	43	75289	85.105	ug/l	92
26) 2,2-Dichloropropane	6.978	77	101833	19.285	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	83532	18.790	ug/l	97
28) Bromochloromethane	7.338	49	59663	23.045	ug/l	93
29) Tetrahydrofuran	7.350	42	47347	84.338	ug/l	91
30) Chloroform	7.508	83	129076	19.189	ug/l	99
31) Cyclohexane	7.789	56	103695	17.810	ug/l	96
32) 1,1,1-Trichloroethane	7.704	97	106711	19.047	ug/l	99
36) 1,1-Dichloropropene	7.917	75	92139	18.270	ug/l	98
37) Ethyl Acetate	7.076	43	35104	16.919	ug/l	98
38) Carbon Tetrachloride	7.905	117	95231	18.691	ug/l	99
39) Methylcyclohexane	9.185	83	110548	16.821	ug/l	94
40) Benzene	8.161	78	298795	18.915	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	22072m	16.859	ug/l	
42) 1,2-Dichloroethane	8.240	62	66605	18.402	ug/l	100
43) Isopropyl Acetate	8.271	43	63525	16.425	ug/l	99
44) Trichloroethene	8.941	130	75582	18.829	ug/l	99
45) 1,2-Dichloropropane	9.222	63	69773	19.188	ug/l	100
46) Dibromomethane	9.313	93	35550	17.675	ug/l	97
47) Bromodichloromethane	9.502	83	94452	18.718	ug/l	99
48) Methyl methacrylate	9.295	41	29120	16.431	ug/l	96
49) 1,4-Dioxane	9.301	88	7699	335.298	ug/l #	95
51) 4-Methyl-2-Pentanone	10.075	43	172260	84.016	ug/l	97
52) Toluene	10.246	92	186493	19.239	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	83596	18.146	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	104251	18.421	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	50182	18.353	ug/l	95
56) Ethyl methacrylate	10.514	69	57971	16.263	ug/l	96
57) 1,3-Dichloropropane	10.794	76	84022	18.148	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	169767	91.625	ug/l	99
59) 2-Hexanone	10.837	43	114952	82.131	ug/l	97
60) Dibromochloromethane	10.990	129	63474	18.063	ug/l	100
61) 1,2-Dibromoethane	11.093	107	44088	17.302	ug/l	100
64) Tetrachloroethene	10.727	164	65667	18.771	ug/l	94
65) Chlorobenzene	11.520	112	205583	19.207	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.593	131	69004	19.552	ug/l	97
67) Ethyl Benzene	11.599	91	339375	18.831	ug/l	100
68) m/p-Xylenes	11.703	106	266085	38.441	ug/l	100
69) o-Xylene	12.032	106	122688	18.980	ug/l	100
70) Styrene	12.050	104	209941	19.216	ug/l	99
71) Bromoform	12.215	173	35534	17.426	ug/l #	100
73) Isopropylbenzene	12.331	105	320707	18.474	ug/l	99
74) N-amyl acetate	12.148	43	57530	16.417	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	54877	16.950	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	36216m	16.200	ug/l	
77) Bromobenzene	12.611	156	77490	18.446	ug/l	97
78) n-propylbenzene	12.672	91	401451	19.060	ug/l	100
79) 2-Chlorotoluene	12.758	91	222526	18.876	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	259817	18.875	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	18296	16.874	ug/l	98
82) 4-Chlorotoluene	12.861	91	229575	18.802	ug/l	98
83) tert-Butylbenzene	13.081	119	239109	19.019	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	259457	18.927	ug/l	100
85) sec-Butylbenzene	13.257	105	359132	19.018	ug/l	99
86) p-Isopropyltoluene	13.373	119	293856	18.938	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	157010	18.837	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	154131	18.837	ug/l	99
89) n-Butylbenzene	13.703	91	275349	18.862	ug/l	99
90) Hexachloroethane	13.965	117	60821	19.115	ug/l	96
91) 1,2-Dichlorobenzene	13.745	146	132679	18.451	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6779	16.278	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	72840	17.394	ug/l	99
94) Hexachlorobutadiene	15.117	225	46956	18.902	ug/l	98
95) Naphthalene	15.239	128	105907	15.347	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	59641	16.973	ug/l	100

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

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