

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042624\
 Data File : VY018057.D
 Acq On : 26 Apr 2024 13:04
 Operator : SY/MD
 Sample : VY0426SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0426SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/29/2024
 Supervised By :Semsettin Yesilyurt 04/29/2024

Quant Time: Apr 27 01:06:40 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	7.795	168	389576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	599889	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	534755	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	264118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	157165	46.619	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.240%		
35) Dibromofluoromethane	7.722	113	180515	48.775	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.560%		
50) Toluene-d8	10.185	98	712504	50.736	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	101.480%		
62) 4-Bromofluorobenzene	12.483	95	224361	51.586	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	103.180%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	70058	22.668	ug/l	99
3) Chloromethane	2.113	50	80324	15.685	ug/l	96
4) Vinyl Chloride	2.253	62	91732	15.892	ug/l	99
5) Bromomethane	2.650	94	63961	16.648	ug/l	97
6) Chloroethane	2.796	64	56959	15.631	ug/l	95
7) Trichlorofluoromethane	3.125	101	121752	18.716	ug/l	94
8) Diethyl Ether	3.534	74	40065	19.491	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.899	101	79337	19.585	ug/l	96
10) Methyl Iodide	4.094	142	98962	18.362	ug/l	98
11) Tert butyl alcohol	4.960	59	32215	126.317	ug/l	99
12) 1,1-Dichloroethene	3.875	96	77252	19.644	ug/l	97
13) Acrolein	3.735	56	36673	139.675	ug/l	98
14) Allyl chloride	4.478	41	98599	19.374	ug/l	92
15) Acrylonitrile	5.167	53	86335	103.442	ug/l	100
16) Acetone	3.954	43	62997	94.572	ug/l	91
17) Carbon Disulfide	4.198	76	213287	17.049	ug/l	99
18) Methyl Acetate	4.478	43	35099	20.029	ug/l	100
19) Methyl tert-butyl Ether	5.222	73	171950	20.063	ug/l	99
20) Methylene Chloride	4.722	84	107642	23.852	ug/l	98
21) trans-1,2-Dichloroethene	5.228	96	82456	19.140	ug/l	99
22) Diisopropyl ether	6.125	45	225443	20.207	ug/l	98
23) Vinyl Acetate	6.064	43	658439	99.523	ug/l	100
24) 1,1-Dichloroethane	6.021	63	142079	19.504	ug/l	97
25) 2-Butanone	6.990	43	100116	102.251	ug/l	97
26) 2,2-Dichloropropane	6.984	77	120663	20.646	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	95158	19.340	ug/l	97
28) Bromochloromethane	7.338	49	61139	21.337	ug/l	100
29) Tetrahydrofuran	7.356	42	64845	104.362	ug/l	95
30) Chloroform	7.508	83	146188	19.636	ug/l	99
31) Cyclohexane	7.789	56	121698	18.886	ug/l	96
32) 1,1,1-Trichloroethane	7.704	97	124767	20.121	ug/l	99
36) 1,1-Dichloropropene	7.923	75	106487	19.785	ug/l	99
37) Ethyl Acetate	7.082	43	48152	21.745	ug/l #	97
38) Carbon Tetrachloride	7.905	117	113694	20.909	ug/l	98
39) Methylcyclohexane	9.185	83	137062	19.541	ug/l	98
40) Benzene	8.167	78	340072	20.172	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	27149m	19.430	ug/l	
42) 1,2-Dichloroethane	8.240	62	77418	20.041	ug/l	99
43) Isopropyl Acetate	8.277	43	85597	20.737	ug/l	98
44) Trichloroethene	8.941	130	90222	21.060	ug/l	100
45) 1,2-Dichloropropane	9.222	63	79120	20.387	ug/l	97
46) Dibromomethane	9.307	93	43676	20.346	ug/l	93
47) Bromodichloromethane	9.502	83	110273	20.476	ug/l	98
48) Methyl methacrylate	9.295	41	39069	20.655	ug/l	95
49) 1,4-Dioxane	9.301	88	10176	415.245	ug/l #	95
51) 4-Methyl-2-Pentanone	10.075	43	235923	107.814	ug/l	99
52) Toluene	10.246	92	217346	21.009	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	101072	20.557	ug/l	95
54) cis-1,3-Dichloropropene	9.935	75	124263	20.573	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	61610	21.113	ug/l	94
56) Ethyl methacrylate	10.514	69	79531	20.906	ug/l	97
57) 1,3-Dichloropropane	10.794	76	104321	21.112	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	208056	105.213	ug/l	100
59) 2-Hexanone	10.837	43	164152	109.892	ug/l	99
60) Dibromochloromethane	10.990	129	80975	21.591	ug/l	99
61) 1,2-Dibromoethane	11.093	107	57247	21.050	ug/l	98
64) Tetrachloroethene	10.727	164	79959	20.873	ug/l	97
65) Chlorobenzene	11.520	112	243889	20.810	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	82790	21.423	ug/l	99
67) Ethyl Benzene	11.599	91	403963	20.471	ug/l	99
68) m/p-Xylenes	11.703	106	310427	40.957	ug/l	98
69) o-Xylene	12.032	106	147157	20.791	ug/l	99
70) Styrene	12.050	104	252576	21.113	ug/l	99
71) Bromoform	12.209	173	47921	21.462	ug/l #	99
73) Isopropylbenzene	12.331	105	389592	20.244	ug/l	99
74) N-amyl acetate	12.148	43	78507	20.208	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	71807	20.006	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	55912m	22.559	ug/l	
77) Bromobenzene	12.611	156	96623	20.746	ug/l	96
78) n-propylbenzene	12.672	91	468846	20.079	ug/l	99
79) 2-Chlorotoluene	12.764	91	264846	20.264	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	313896	20.570	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	24722	20.566	ug/l	97
82) 4-Chlorotoluene	12.861	91	273043	20.171	ug/l	98
83) tert-Butylbenzene	13.081	119	292649	20.997	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	314206	20.676	ug/l	100
85) sec-Butylbenzene	13.257	105	427735	20.432	ug/l	98
86) p-Isopropyltoluene	13.373	119	351324	20.423	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	190329	20.597	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	189571	20.898	ug/l	99
89) n-Butylbenzene	13.702	91	325275	20.099	ug/l	99
90) Hexachloroethane	13.965	117	72071	20.432	ug/l	92
91) 1,2-Dichlorobenzene	13.745	146	168471	21.132	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	9433	20.432	ug/l	93
93) 1,2,4-Trichlorobenzene	15.013	180	96236	20.729	ug/l	99
94) Hexachlorobutadiene	15.117	225	58436	21.218	ug/l	99
95) Naphthalene	15.239	128	158085	20.664	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	82230	21.109	ug/l	99

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

