

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052424\
 Data File : VY018366.D
 Acq On : 24 May 2024 15:09
 Operator : SY/MD
 Sample : VY0524SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0524SBSD01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/28/2024
 Supervised By :Mahesh Dadoda 05/28/2024

Quant Time: May 25 03:24:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	131352	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.679	114	239861	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	207027	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	92965	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	62758	50.430	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.860%			
35) Dibromofluoromethane	7.704	113	67564	48.303	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.600%			
50) Toluene-d8	10.173	98	272643	49.995	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.980%			
62) 4-Bromofluorobenzene	12.477	95	84963	50.421	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 100.840%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.894	85	21468	19.149	ug/l	99
3) Chloromethane	2.107	50	33770	18.535	ug/l	99
4) Vinyl Chloride	2.241	62	41962	20.588	ug/l	96
5) Bromomethane	2.631	94	29605	20.316	ug/l	99
6) Chloroethane	2.784	64	27515	20.796	ug/l	93
7) Trichlorofluoromethane	3.107	101	46284	20.235	ug/l	90
8) Diethyl Ether	3.515	74	14202	19.445	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.887	101	27946	19.804	ug/l	95
10) Methyl Iodide	4.070	142	25533	17.992	ug/l	97
11) Tert butyl alcohol	4.936	59	17122	128.102	ug/l	# 91
12) 1,1-Dichloroethene	3.851	96	25512	18.356	ug/l	93
13) Acrolein	3.716	56	12001	108.201	ug/l	98
14) Allyl chloride	4.466	41	38948	20.065	ug/l	95
15) Acrylonitrile	5.149	53	31022	98.201	ug/l	99
16) Acetone	3.930	43	25850	100.995	ug/l	87
17) Carbon Disulfide	4.180	76	65617	16.907	ug/l	100
18) Methyl Acetate	4.460	43	14056	20.719	ug/l	95
19) Methyl tert-butyl Ether	5.198	73	66032	19.814	ug/l	100
20) Methylene Chloride	4.692	84	37912	23.123	ug/l	93
21) trans-1,2-Dichloroethene	5.198	96	28705	19.579	ug/l	95
22) Diisopropyl ether	6.100	45	87954	21.805	ug/l	# 93
23) Vinyl Acetate	6.045	43	264516	102.413	ug/l	94
24) 1,1-Dichloroethane	5.997	63	51309	20.742	ug/l	97
25) 2-Butanone	6.972	43	41721	102.860	ug/l	93
26) 2,2-Dichloropropane	6.966	77	43842	20.502	ug/l	98
27) cis-1,2-Dichloroethene	6.972	96	34904	20.259	ug/l	96
28) Bromochloromethane	7.319	49	18684	22.238	ug/l	82
29) Tetrahydrofuran	7.338	42	27114	101.561	ug/l	87
30) Chloroform	7.496	83	52003	20.625	ug/l	91
31) Cyclohexane	7.777	56	46919	19.899	ug/l	91
32) 1,1,1-Trichloroethane	7.691	97	43775	19.780	ug/l	96
36) 1,1-Dichloropropene	7.911	75	38826	19.140	ug/l	96
37) Ethyl Acetate	7.057	43	18552	19.118	ug/l	# 97
38) Carbon Tetrachloride	7.893	117	36936	17.778	ug/l	98
39) Methylcyclohexane	9.179	83	51158	18.079	ug/l	96
40) Benzene	8.149	78	120167	19.433	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	10770m	22.235	ug/l	
42) 1,2-Dichloroethane	8.228	62	28468	19.139	ug/l	99
43) Isopropyl Acetate	8.264	43	36127	19.081	ug/l	94
44) Trichloroethene	8.935	130	28966	18.274	ug/l	94
45) 1,2-Dichloropropane	9.209	63	27772	19.968	ug/l	98
46) Dibromomethane	9.301	93	15033	18.420	ug/l	90
47) Bromodichloromethane	9.490	83	37593	18.981	ug/l	97
48) Methyl methacrylate	9.282	41	16550	19.324	ug/l	92
49) 1,4-Dioxane	9.289	88	3941	372.195	ug/l #	86
51) 4-Methyl-2-Pentanone	10.063	43	91714	95.981	ug/l	94
52) Toluene	10.240	92	73746	19.024	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	34947	19.300	ug/l	96
54) cis-1,3-Dichloropropene	9.923	75	42325	19.076	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	20871	19.304	ug/l	95
56) Ethyl methacrylate	10.508	69	28218	19.027	ug/l #	84
57) 1,3-Dichloropropane	10.782	76	35838	19.556	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	68724	102.556	ug/l	96
59) 2-Hexanone	10.825	43	63899	97.185	ug/l	91
60) Dibromochloromethane	10.977	129	24274	18.588	ug/l	99
61) 1,2-Dibromoethane	11.081	107	18992	19.037	ug/l	98
64) Tetrachloroethene	10.715	164	25667	17.477	ug/l	95
65) Chlorobenzene	11.514	112	79199	18.519	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	25510	18.855	ug/l	96
67) Ethyl Benzene	11.587	91	143631	19.124	ug/l	97
68) m/p-Xylenes	11.697	106	109343	37.838	ug/l	97
69) o-Xylene	12.026	106	52871	19.387	ug/l	97
70) Styrene	12.038	104	87572	19.426	ug/l	98
71) Bromoform	12.203	173	12737	17.799	ug/l #	100
73) Isopropylbenzene	12.325	105	137915	18.875	ug/l	99
74) N-amyl acetate	12.142	43	31788	18.647	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	22763	18.283	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	18781m	22.477	ug/l	
77) Bromobenzene	12.605	156	28458	17.782	ug/l	90
78) n-propylbenzene	12.666	91	172087	19.669	ug/l	99
79) 2-Chlorotoluene	12.751	91	93989	19.843	ug/l	95
80) 1,3,5-Trimethylbenzene	12.806	105	110238	19.199	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	7393	18.205	ug/l	91
82) 4-Chlorotoluene	12.849	91	93994	19.572	ug/l	98
83) tert-Butylbenzene	13.075	119	102076	19.232	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	108766	19.261	ug/l	98
85) sec-Butylbenzene	13.251	105	152742	19.458	ug/l	98
86) p-Isopropyltoluene	13.367	119	124608	19.407	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	58597	18.594	ug/l	97
88) 1,4-Dichlorobenzene	13.446	146	58830	18.757	ug/l	98
89) n-Butylbenzene	13.696	91	118495	19.638	ug/l	99
90) Hexachloroethane	13.958	117	22055	18.601	ug/l	84
91) 1,2-Dichlorobenzene	13.739	146	51304	18.762	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.349	75	3045	17.831	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	26791	17.200	ug/l	97
94) Hexachlorobutadiene	15.111	225	14165	17.771	ug/l	98
95) Naphthalene	15.233	128	51746	16.895	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	23021	17.385	ug/l	98

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

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