

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052924\
 Data File : VY018394.D
 Acq On : 29 May 2024 13:04
 Operator : SY/MD
 Sample : VY0529SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0529SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/30/2024
 Supervised By :Semsettin Yesilyurt 05/30/2024

Quant Time: May 30 04:01:37 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	7.783	168	120180	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	219158	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	187204	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	84642	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	67015	58.857	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.720%			
35) Dibromofluoromethane	7.710	113	67890	53.121	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.240%			
50) Toluene-d8	10.179	98	274568	55.104	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 110.200%			
62) 4-Bromofluorobenzene	12.477	95	87798	57.025	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 114.060%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.894	85	19762	19.266	ug/l	98
3) Chloromethane	2.107	50	32484	19.487	ug/l	97
4) Vinyl Chloride	2.241	62	41053	22.014	ug/l	99
5) Bromomethane	2.637	94	28686	21.515	ug/l	98
6) Chloroethane	2.778	64	27312	22.562	ug/l	93
7) Trichlorofluoromethane	3.107	101	44955	21.481	ug/l	93
8) Diethyl Ether	3.521	74	14323	21.434	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.887	101	26891	20.828	ug/l	94
10) Methyl Iodide	4.076	142	24604	18.949	ug/l	95
11) Tert butyl alcohol	4.948	59	14218	111.309	ug/l	# 85
12) 1,1-Dichloroethene	3.863	96	24595	19.342	ug/l	89
13) Acrolein	3.710	56	11236	111.094	ug/l	94
14) Allyl chloride	4.466	41	39112	22.023	ug/l	96
15) Acrylonitrile	5.143	53	33361	115.422	ug/l	98
16) Acetone	3.936	43	25649	109.525	ug/l	# 86
17) Carbon Disulfide	4.180	76	65092	18.331	ug/l	96
18) Methyl Acetate	4.466	43	13451	21.670	ug/l	100
19) Methyl tert-butyl Ether	5.204	73	68930	22.607	ug/l	95
20) Methylene Chloride	4.704	84	40470	27.871	ug/l	96
21) trans-1,2-Dichloroethene	5.204	96	28960	21.589	ug/l	90
22) Diisopropyl ether	6.106	45	85187	23.082	ug/l	93
23) Vinyl Acetate	6.051	43	273430	115.706	ug/l	# 92
24) 1,1-Dichloroethane	6.009	63	51975	22.964	ug/l	96
25) 2-Butanone	6.978	43	42216	113.756	ug/l	93
26) 2,2-Dichloropropane	6.972	77	42938	21.946	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	32976	20.920	ug/l	91
28) Bromochloromethane	7.326	49	16835	21.900	ug/l	85
29) Tetrahydrofuran	7.344	42	28180	115.366	ug/l	89
30) Chloroform	7.496	83	52321	22.680	ug/l	97
31) Cyclohexane	7.777	56	45376	21.184	ug/l	94
32) 1,1,1-Trichloroethane	7.698	97	44391	21.923	ug/l	97
36) 1,1-Dichloropropene	7.911	75	37002	19.964	ug/l	98
37) Ethyl Acetate	7.064	43	19209	21.665	ug/l	99
38) Carbon Tetrachloride	7.893	117	37006	19.494	ug/l	97
39) Methylcyclohexane	9.179	83	49428	19.117	ug/l	93
40) Benzene	8.155	78	119068	21.074	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	12215	27.600	ug/l #	59
42) 1,2-Dichloroethane	8.228	62	28478	20.954	ug/l	99
43) Isopropyl Acetate	8.271	43	37914	21.917	ug/l	94
44) Trichloroethene	8.935	130	27835	19.220	ug/l	90
45) 1,2-Dichloropropane	9.209	63	28202	22.193	ug/l	99
46) Dibromomethane	9.301	93	15911	21.338	ug/l	90
47) Bromodichloromethane	9.490	83	38239	21.131	ug/l #	98
48) Methyl methacrylate	9.289	41	15922	20.347	ug/l	92
49) 1,4-Dioxane	9.289	88	3887	401.774	ug/l #	86
51) 4-Methyl-2-Pentanone	10.063	43	97256	111.396	ug/l	93
52) Toluene	10.240	92	75096	21.203	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	36334	21.961	ug/l	95
54) cis-1,3-Dichloropropene	9.923	75	43108	21.264	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	21018	21.276	ug/l	91
56) Ethyl methacrylate	10.508	69	29165	21.524	ug/l #	86
57) 1,3-Dichloropropane	10.788	76	37192	22.213	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	64856	105.927	ug/l	95
59) 2-Hexanone	10.825	43	67706	112.702	ug/l	92
60) Dibromochloromethane	10.984	129	23724	19.882	ug/l	96
61) 1,2-Dibromoethane	11.081	107	19245	21.113	ug/l	99
64) Tetrachloroethene	10.715	164	25276	19.033	ug/l	99
65) Chlorobenzene	11.514	112	78487	20.296	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.587	131	24724	20.210	ug/l	98
67) Ethyl Benzene	11.587	91	142312	20.955	ug/l	98
68) m/p-Xylenes	11.703	106	105675	40.441	ug/l	96
69) o-Xylene	12.026	106	49950	20.256	ug/l	94
70) Styrene	12.044	104	86450	21.208	ug/l	98
71) Bromoform	12.209	173	12006	18.554	ug/l #	97
73) Isopropylbenzene	12.325	105	134766	20.257	ug/l	100
74) N-amyl acetate	12.142	43	34214	22.043	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	24226	21.371	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	16520m	21.716	ug/l	
77) Bromobenzene	12.605	156	28045	19.247	ug/l	90
78) n-propylbenzene	12.666	91	167865	21.074	ug/l	98
79) 2-Chlorotoluene	12.758	91	88664	20.559	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	107940	20.647	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	7103	19.211	ug/l	87
82) 4-Chlorotoluene	12.849	91	93096	21.291	ug/l	97
83) tert-Butylbenzene	13.075	119	99045	20.496	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	108100	21.025	ug/l	97
85) sec-Butylbenzene	13.251	105	150149	21.009	ug/l	98
86) p-Isopropyltoluene	13.367	119	119757	20.486	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	57826	20.154	ug/l	97
88) 1,4-Dichlorobenzene	13.440	146	56712	19.859	ug/l	96
89) n-Butylbenzene	13.696	91	117219	21.337	ug/l	99
90) Hexachloroethane	13.959	117	21634	20.040	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	50285	20.198	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3290	21.161	ug/l	79
93) 1,2,4-Trichlorobenzene	15.007	180	25818	18.206	ug/l	98
94) Hexachlorobutadiene	15.111	225	13271	18.287	ug/l	98
95) Naphthalene	15.233	128	51440	18.446	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	22256	18.459	ug/l	97

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

