

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060624\
 Data File : VY018503.D
 Acq On : 06 Jun 2024 14:00
 Operator : SY/MD
 Sample : VY0606SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0606SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/07/2024
 Supervised By :Semsettin Yesilyurt 06/07/2024

Quant Time: Jun 07 02:25:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	40542	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	65883	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	58217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	42400	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	41242	51.800	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.600%			
35) Dibromofluoromethane	7.704	113	41174	49.284	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.560%			
50) Toluene-d8	10.173	98	157297	47.327	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 94.660%			
62) 4-Bromofluorobenzene	12.477	95	49429	47.766	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 95.540%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.894	85	16164	25.104	ug/l	94
3) Chloromethane	2.101	50	35103	29.234	ug/l	92
4) Vinyl Chloride	2.241	62	41966	29.219	ug/l	99
5) Bromomethane	2.625	94	27308	28.498	ug/l	95
6) Chloroethane	2.772	64	27146	29.935	ug/l	95
7) Trichlorofluoromethane	3.101	101	40875	27.506	ug/l	98
8) Diethyl Ether	3.509	74	10998	24.597	ug/l	72
9) 1,1,2-Trichlorotrifluo...	3.875	101	20873	24.122	ug/l	89
10) Methyl Iodide	4.070	142	20373	23.970	ug/l	95
11) Tert butyl alcohol	4.942	59	8114	35.270	ug/l #	75
12) 1,1-Dichloroethene	3.857	96	20549	24.161	ug/l	84
13) Acrolein	3.723	56	6485	79.575	ug/l	95
14) Allyl chloride	4.454	41	30967	24.861	ug/l	90
15) Acrylonitrile	5.143	53	26158	127.923	ug/l	98
16) Acetone	3.936	43	20495	115.979	ug/l #	83
17) Carbon Disulfide	4.180	76	60080	24.080	ug/l	99
18) Methyl Acetate	4.460	43	11186	25.314	ug/l	99
19) Methyl tert-butyl Ether	5.204	73	51389	25.070	ug/l	97
20) Methylene Chloride	4.698	84	28605	27.062	ug/l #	81
21) trans-1,2-Dichloroethene	5.198	96	23865	26.294	ug/l	95
22) Diisopropyl ether	6.100	45	70213	27.679	ug/l #	88
23) Vinyl Acetate	6.045	43	216345	131.046	ug/l	94
24) 1,1-Dichloroethane	6.003	63	40750	25.755	ug/l	95
25) 2-Butanone	6.972	43	32883	121.467	ug/l	88
26) 2,2-Dichloropropane	6.960	77	31098	22.362	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	26203	24.818	ug/l	93
28) Bromochloromethane	7.326	49	18063	24.808	ug/l #	79
29) Tetrahydrofuran	7.338	42	21978	125.009	ug/l	88
30) Chloroform	7.490	83	41450	26.120	ug/l	98
31) Cyclohexane	7.771	56	38016	25.609	ug/l	93
32) 1,1,1-Trichloroethane	7.691	97	35029	25.202	ug/l	96
36) 1,1-Dichloropropene	7.905	75	31147	24.451	ug/l	96
37) Ethyl Acetate	7.057	43	15282	24.014	ug/l	99
38) Carbon Tetrachloride	7.893	117	29661	23.236	ug/l	93
39) Methylcyclohexane	9.173	83	40219	23.355	ug/l	91
40) Benzene	8.149	78	94008	24.630	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	8730	28.203	ug/l	87
42) 1,2-Dichloroethane	8.228	62	23295	25.104	ug/l	99
43) Isopropyl Acetate	8.265	43	28697	24.117	ug/l	92
44) Trichloroethene	8.935	130	22161	23.430	ug/l	96
45) 1,2-Dichloropropane	9.210	63	22174	25.403	ug/l	99
46) Dibromomethane	9.301	93	12274	24.526	ug/l	90
47) Bromodichloromethane	9.490	83	30049	25.013	ug/l	98
48) Methyl methacrylate	9.283	41	12910	23.582	ug/l #	83
49) 1,4-Dioxane	9.289	88	2941	447.506	ug/l #	88
51) 4-Methyl-2-Pentanone	10.063	43	76801	124.299	ug/l	91
52) Toluene	10.240	92	56578	24.101	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	26047	23.610	ug/l	96
54) cis-1,3-Dichloropropene	9.923	75	32915	24.232	ug/l #	91
55) 1,1,2-Trichloroethane	10.636	97	16127	24.769	ug/l	95
56) Ethyl methacrylate	10.502	69	22124	24.147	ug/l #	83
57) 1,3-Dichloropropane	10.789	76	28389	25.684	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.777	63	60120	122.191	ug/l	93
59) 2-Hexanone	10.825	43	51092	119.661	ug/l	91
60) Dibromochloromethane	10.977	129	17554	22.068	ug/l	99
61) 1,2-Dibromoethane	11.087	107	14003	22.839	ug/l	98
64) Tetrachloroethene	10.715	164	20155	23.503	ug/l	93
65) Chlorobenzene	11.514	112	58459	23.415	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.581	131	18003	22.301	ug/l	98
67) Ethyl Benzene	11.587	91	110892	24.403	ug/l	99
68) m/p-Xylenes	11.697	106	82277	48.084	ug/l	96
69) o-Xylene	12.026	106	38926	23.632	ug/l	96
70) Styrene	12.038	104	63621	23.640	ug/l	97
71) Bromoform	12.209	173	8571	20.154	ug/l #	97
73) Isopropylbenzene	12.325	105	101221	23.134	ug/l	99
74) N-amyl acetate	12.142	43	27259	25.595	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.575	83	18531	24.060	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	11896m	22.626	ug/l	
77) Bromobenzene	12.605	156	20378	21.935	ug/l	86
78) n-propylbenzene	12.666	91	126741	24.135	ug/l	99
79) 2-Chlorotoluene	12.752	91	70195	24.588	ug/l	96
80) 1,3,5-Trimethylbenzene	12.806	105	81265	23.847	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.380	75	5216	20.843	ug/l #	76
82) 4-Chlorotoluene	12.849	91	70453	24.524	ug/l	98
83) tert-Butylbenzene	13.069	119	73077	23.190	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	81315	24.373	ug/l	97
85) sec-Butylbenzene	13.251	105	110947	23.907	ug/l	99
86) p-Isopropyltoluene	13.367	119	88744	23.694	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	43123	23.532	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	42005	23.332	ug/l	96
89) n-Butylbenzene	13.690	91	87907	24.699	ug/l	98
90) Hexachloroethane	13.959	117	15081	21.482	ug/l	85
91) 1,2-Dichlorobenzene	13.739	146	36941	23.166	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.349	75	2584	22.047	ug/l	74
93) 1,2,4-Trichlorobenzene	15.001	180	18975	22.002	ug/l	96
94) Hexachlorobutadiene	15.105	225	9953	21.730	ug/l	99
95) Naphthalene	15.233	128	38399	22.170	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	16435	22.523	ug/l	98

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

