

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060724\
 Data File : VY018521.D
 Acq On : 07 Jun 2024 12:25
 Operator : SY/MD
 Sample : VY0607SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0607SBS01

Quant Time: Jun 07 23:09:50 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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/10/2024
 Supervised By :Semsettin Yesilyurt 06/10/2024

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	40964	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	66634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	61340	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	42382	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	35527	44.162	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.320%		
35) Dibromofluoromethane	7.704	113	34322	40.619	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	81.240%		
50) Toluene-d8	10.173	98	137366	40.865	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	81.720%		
62) 4-Bromofluorobenzene	12.477	95	41048	39.220	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	78.440%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	13407	20.608	ug/l	94
3) Chloromethane	2.101	50	30569	25.195	ug/l	97
4) Vinyl Chloride	2.241	62	34503	23.775	ug/l	96
5) Bromomethane	2.638	94	23802	24.584	ug/l	94
6) Chloroethane	2.778	64	23018	25.121	ug/l	100
7) Trichlorofluoromethane	3.107	101	34402	22.911	ug/l	93
8) Diethyl Ether	3.509	74	9875	21.858	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.881	101	18037	20.630	ug/l	92
10) Methyl Iodide	4.076	142	17568	20.457	ug/l	94
11) Tert butyl alcohol	4.930	59	14240	123.775	ug/l #	97
12) 1,1-Dichloroethene	3.851	96	16978	19.756	ug/l	85
13) Acrolein	3.710	56	6045	73.411	ug/l	98
14) Allyl chloride	4.454	41	27114	21.543	ug/l	90
15) Acrylonitrile	5.149	53	22039	106.669	ug/l	95
16) Acetone	3.930	43	20108	112.617	ug/l #	83
17) Carbon Disulfide	4.180	76	48577	19.269	ug/l	96
18) Methyl Acetate	4.466	43	9798	21.944	ug/l	95
19) Methyl tert-butyl Ether	5.204	73	45036	21.745	ug/l	94
20) Methylene Chloride	4.692	84	28258	26.361	ug/l	90
21) trans-1,2-Dichloroethene	5.204	96	20189	22.014	ug/l	90
22) Diisopropyl ether	6.106	45	62742	24.479	ug/l #	95
23) Vinyl Acetate	6.039	43	193185	115.812	ug/l #	90
24) 1,1-Dichloroethane	6.003	63	36584	22.884	ug/l	97
25) 2-Butanone	6.978	43	31394	114.772	ug/l #	83
26) 2,2-Dichloropropane	6.972	77	29700	21.137	ug/l #	74
27) cis-1,2-Dichloroethene	6.972	96	23548	22.074	ug/l	88
28) Bromochloromethane	7.326	49	16055	21.823	ug/l #	80
29) Tetrahydrofuran	7.338	42	19520	109.884	ug/l	87
30) Chloroform	7.490	83	36872	22.996	ug/l	91
31) Cyclohexane	7.771	56	33992	22.662	ug/l	85
32) 1,1,1-Trichloroethane	7.691	97	29677	21.132	ug/l	91
36) 1,1-Dichloropropene	7.911	75	27306	21.194	ug/l	96
37) Ethyl Acetate	7.064	43	13687	21.265	ug/l	96
38) Carbon Tetrachloride	7.893	117	25002	19.365	ug/l	95
39) Methylcyclohexane	9.179	83	34019	19.532	ug/l	95
40) Benzene	8.155	78	83908	21.736	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	6804	21.733	ug/l	93
42) 1,2-Dichloroethane	8.228	62	21609	23.025	ug/l	96
43) Isopropyl Acetate	8.265	43	25769	21.412	ug/l	95
44) Trichloroethene	8.929	130	19264	20.137	ug/l	99
45) 1,2-Dichloropropane	9.210	63	19523	22.114	ug/l	90
46) Dibromomethane	9.301	93	11100	21.930	ug/l	90
47) Bromodichloromethane	9.490	83	26364	21.699	ug/l	99
48) Methyl methacrylate	9.289	41	11861	21.421	ug/l #	81
49) 1,4-Dioxane	9.295	88	2732	411.019	ug/l #	92
51) 4-Methyl-2-Pentanone	10.063	43	66260	106.031	ug/l	92
52) Toluene	10.240	92	51579	21.724	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	23499	21.061	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	29873	21.744	ug/l #	92
55) 1,1,2-Trichloroethane	10.642	97	14603	22.175	ug/l	95
56) Ethyl methacrylate	10.508	69	19264	20.788	ug/l #	83
57) 1,3-Dichloropropane	10.782	76	25094	22.447	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.776	63	54574	109.669	ug/l	97
59) 2-Hexanone	10.825	43	46900	108.605	ug/l	89
60) Dibromochloromethane	10.984	129	16023	19.916	ug/l	97
61) 1,2-Dibromoethane	11.081	107	12480	20.125	ug/l	98
64) Tetrachloroethene	10.715	164	17263	19.106	ug/l #	91
65) Chlorobenzene	11.514	112	52688	20.029	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	15929	18.727	ug/l	97
67) Ethyl Benzene	11.587	91	96416	20.137	ug/l	97
68) m/p-Xylenes	11.697	106	72294	40.099	ug/l	95
69) o-Xylene	12.026	106	34247	19.733	ug/l	96
70) Styrene	12.038	104	57241	20.186	ug/l	97
71) Bromoform	12.209	173	7501	16.740	ug/l #	98
73) Isopropylbenzene	12.325	105	90268	20.640	ug/l	98
74) N-amyl acetate	12.142	43	23686	22.249	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.575	83	16621	21.589	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	10126m	19.268	ug/l	
77) Bromobenzene	12.605	156	18212	19.612	ug/l	86
78) n-propylbenzene	12.666	91	110697	21.088	ug/l	97
79) 2-Chlorotoluene	12.752	91	61280	21.474	ug/l	95
80) 1,3,5-Trimethylbenzene	12.806	105	72048	21.151	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	4550	18.189	ug/l #	74
82) 4-Chlorotoluene	12.849	91	60676	21.130	ug/l	97
83) tert-Butylbenzene	13.069	119	65292	20.729	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	70485	21.136	ug/l	97
85) sec-Butylbenzene	13.251	105	96179	20.734	ug/l	96
86) p-Isopropyltoluene	13.367	119	76119	20.332	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	39068	21.328	ug/l	97
88) 1,4-Dichlorobenzene	13.447	146	37381	20.773	ug/l	97
89) n-Butylbenzene	13.697	91	78417	22.042	ug/l	96
90) Hexachloroethane	13.959	117	13462	19.184	ug/l	88
91) 1,2-Dichlorobenzene	13.733	146	32638	20.476	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	2294	19.581	ug/l	68
93) 1,2,4-Trichlorobenzene	15.001	180	16165	18.752	ug/l	97
94) Hexachlorobutadiene	15.111	225	8638	18.867	ug/l	94
95) Naphthalene	15.233	128	32408	18.719	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	14090	19.318	ug/l	95

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

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