

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060524\
 Data File : VY018482.D
 Acq On : 05 Jun 2024 14:10
 Operator : SY/MD
 Sample : VY0605SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBS01

Quant Time: Jun 06 05:54:51 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 06/06/2024
 Supervised By :Semsettin Yesilyurt 06/06/2024

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	44668	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	71127	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	64011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	44196	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	44467	50.691	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	101.380%		
35) Dibromofluoromethane	7.710	113	44992	49.884	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.760%		
50) Toluene-d8	10.172	98	171892	47.905	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.820%		
62) 4-Bromofluorobenzene	12.477	95	52780	47.244	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	94.480%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	15089	21.270	ug/l	99
3) Chloromethane	2.107	50	33852	25.588	ug/l	99
4) Vinyl Chloride	2.241	62	39257	24.808	ug/l	98
5) Bromomethane	2.631	94	27076	25.646	ug/l	90
6) Chloroethane	2.777	64	26501	26.524	ug/l	95
7) Trichlorofluoromethane	3.107	101	37859	23.123	ug/l	89
8) Diethyl Ether	3.515	74	10936	22.199	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.881	101	20338	21.332	ug/l	96
10) Methyl Iodide	4.070	142	19655	20.989	ug/l	95
11) Tert butyl alcohol	4.948	59	9531m	43.022	ug/l	
12) 1,1-Dichloroethene	3.863	96	20175	21.530	ug/l	95
13) Acrolein	3.716	56	6945	77.347	ug/l	98
14) Allyl chloride	4.454	41	32794	23.896	ug/l #	91
15) Acrylonitrile	5.149	53	25119	111.495	ug/l	97
16) Acetone	3.936	43	21377	109.796	ug/l	89
17) Carbon Disulfide	4.174	76	59806	21.756	ug/l	97
18) Methyl Acetate	4.454	43	11473	23.565	ug/l	89
19) Methyl tert-butyl Ether	5.210	73	50360	22.299	ug/l	94
20) Methylene Chloride	4.698	84	33748	29.300	ug/l	92
21) trans-1,2-Dichloroethene	5.204	96	22162	22.162	ug/l	97
22) Diisopropyl ether	6.106	45	67892	24.292	ug/l	94
23) Vinyl Acetate	6.045	43	209744	115.312	ug/l	94
24) 1,1-Dichloroethane	5.996	63	40922	23.475	ug/l	94
25) 2-Butanone	6.978	43	31481	105.547	ug/l	89
26) 2,2-Dichloropropane	6.966	77	31923	20.835	ug/l	100
27) cis-1,2-Dichloroethene	6.972	96	25553	21.967	ug/l	90
28) Bromochloromethane	7.319	49	16877	21.038	ug/l #	78
29) Tetrahydrofuran	7.344	42	20748	107.112	ug/l	88
30) Chloroform	7.496	83	41055	23.481	ug/l	97
31) Cyclohexane	7.777	56	36448	22.285	ug/l	91
32) 1,1,1-Trichloroethane	7.691	97	34484	22.518	ug/l	96
36) 1,1-Dichloropropene	7.911	75	30965	22.516	ug/l	95
37) Ethyl Acetate	7.063	43	14675	21.360	ug/l	96
38) Carbon Tetrachloride	7.899	117	28575	20.735	ug/l	98
39) Methylcyclohexane	9.179	83	40008	21.520	ug/l	94
40) Benzene	8.148	78	92802	22.522	ug/l	100

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41) Methacrylonitrile	7.295	41	7196	21.533	ug/l	96
42) 1,2-Dichloroethane	8.228	62	23577	23.535	ug/l	96
43) Isopropyl Acetate	8.264	43	28352	22.070	ug/l	94
44) Trichloroethene	8.935	130	21953	21.499	ug/l	92
45) 1,2-Dichloropropane	9.209	63	21511	22.827	ug/l	94
46) Dibromomethane	9.301	93	12064	22.329	ug/l	91
47) Bromodichloromethane	9.490	83	28474	21.955	ug/l #	92
48) Methyl methacrylate	9.282	41	12370	20.929	ug/l	87
49) 1,4-Dioxane	9.295	88	2669	376.176	ug/l #	100
51) 4-Methyl-2-Pentanone	10.063	43	71545	107.256	ug/l	91
52) Toluene	10.240	92	56498	22.293	ug/l	100
53) t-1,3-Dichloropropene	10.459	75	26445	22.204	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	32410	22.101	ug/l #	91
55) 1,1,2-Trichloroethane	10.642	97	15375	21.873	ug/l #	87
56) Ethyl methacrylate	10.508	69	21930	22.170	ug/l #	84
57) 1,3-Dichloropropane	10.782	76	28106	23.553	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	56944	107.203	ug/l	95
59) 2-Hexanone	10.831	43	50164	108.825	ug/l	90
60) Dibromochloromethane	10.983	129	17603	20.498	ug/l	98
61) 1,2-Dibromoethane	11.087	107	14292	21.592	ug/l	97
64) Tetrachloroethene	10.715	164	20378	21.613	ug/l	94
65) Chlorobenzene	11.514	112	58711	21.388	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	17761	20.010	ug/l	97
67) Ethyl Benzene	11.587	91	110390	22.094	ug/l	99
68) m/p-Xylenes	11.697	106	80168	42.611	ug/l	93
69) o-Xylene	12.026	106	38924	21.492	ug/l	97
70) Styrene	12.038	104	63955	21.613	ug/l	98
71) Bromoform	12.209	173	8539	18.261	ug/l #	93
73) Isopropylbenzene	12.325	105	100672	22.074	ug/l	97
74) N-amyl acetate	12.142	43	24883	22.415	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	16981	21.151	ug/l	93
76) 1,2,3-Trichloropropane	12.629	75	11504m	20.991	ug/l	
77) Bromobenzene	12.605	156	20353	21.018	ug/l	88
78) n-propylbenzene	12.666	91	124908	22.819	ug/l	99
79) 2-Chlorotoluene	12.751	91	66787	22.443	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	79053	22.255	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	5045	19.340	ug/l #	85
82) 4-Chlorotoluene	12.849	91	68314	22.813	ug/l	97
83) tert-Butylbenzene	13.074	119	71388	21.734	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	79474	22.853	ug/l	95
85) sec-Butylbenzene	13.251	105	107380	22.198	ug/l	98
86) p-Isopropyltoluene	13.367	119	86007	22.030	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	41246	21.593	ug/l	97
88) 1,4-Dichlorobenzene	13.440	146	38869	20.713	ug/l	97
89) n-Butylbenzene	13.696	91	84974	22.904	ug/l	98
90) Hexachloroethane	13.958	117	14930	20.403	ug/l	87
91) 1,2-Dichlorobenzene	13.739	146	35317	21.247	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	2436	19.939	ug/l	79
93) 1,2,4-Trichlorobenzene	15.007	180	17104	19.027	ug/l	97
94) Hexachlorobutadiene	15.111	225	9040	18.935	ug/l	98
95) Naphthalene	15.233	128	32857	18.199	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	14740	19.380	ug/l	98

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

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