

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070522\
 Data File : VY009432.D
 Acq On : 05 Jul 2022 13:10
 Operator : KP/MD
 Sample : VY0705SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0705SBS02

Quant Time: Jul 06 04:48:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 07/06/2022
 Supervised By :Mahesh Dadoda 07/06/2022

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

Internal Standards						
1) Pentafluorobenzene	7.782	168	137098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	212505	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	200991	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	105695	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	53218	48.464	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.920%		
35) Dibromofluoromethane	7.709	113	59948	51.256	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.520%		
50) Toluene-d8	10.172	98	182712	50.953	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery =	101.900%		
62) 4-Bromofluorobenzene	12.477	95	90438	53.177	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery =	106.360%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.899	85	22840	20.236	ug/l	99
3) Chloromethane	2.107	50	21741	17.703	ug/l	100
4) Vinyl Chloride	2.241	62	28187	19.841	ug/l	98
5) Bromomethane	2.625	94	20395	22.372	ug/l	90
6) Chloroethane	2.777	64	17148	22.638	ug/l	95
7) Trichlorofluoromethane	3.113	101	41917	22.239	ug/l	99
8) Diethyl Ether	3.515	74	14391	19.541	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.887	101	27667	20.478	ug/l	97
10) Methyl Iodide	4.082	142	28955	19.524	ug/l	93
11) Tert butyl alcohol	4.954	59	17833	62.606	ug/l #	94
12) 1,1-Dichloroethene	3.862	96	23603	19.152	ug/l	84
13) Acrolein	3.722	56	8249	90.006	ug/l	98
14) Allyl chloride	4.466	41	43030	19.055	ug/l	97
15) Acrylonitrile	5.149	53	41420	99.283	ug/l	99
16) Acetone	3.936	43	35983	99.777	ug/l	95
17) Carbon Disulfide	4.179	76	58348	17.020	ug/l	99
18) Methyl Acetate	4.466	43	22649	21.685	ug/l	99
19) Methyl tert-butyl Ether	5.204	73	74151	20.062	ug/l	99
20) Methylene Chloride	4.704	84	35156	16.536	ug/l	91
21) trans-1,2-Dichloroethene	5.210	96	29030	19.675	ug/l	86
22) Diisopropyl ether	6.118	45	100583	21.106	ug/l	95
23) Vinyl Acetate	6.051	43	309072	103.528	ug/l	96
24) 1,1-Dichloroethane	6.008	63	54011	20.158	ug/l	99
25) 2-Butanone	6.978	43	57418	100.426	ug/l	99
26) 2,2-Dichloropropane	6.978	77	51464	20.294	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	33572	19.585	ug/l	93
28) Bromochloromethane	7.325	49	21751	18.905	ug/l	94
29) Tetrahydrofuran	7.344	42	38252	104.355	ug/l	97
30) Chloroform	7.502	83	56419	20.487	ug/l	100
31) Cyclohexane	7.782	56	45980	18.616	ug/l	95
32) 1,1,1-Trichloroethane	7.697	97	51211	20.766	ug/l	97
36) 1,1-Dichloropropene	7.911	75	41480	20.284	ug/l	98
37) Ethyl Acetate	7.069	43	25778	21.256	ug/l	99
38) Carbon Tetrachloride	7.892	117	46118	21.576	ug/l	99
39) Methylcyclohexane	9.179	83	45116	18.641	ug/l	97
40) Benzene	8.154	78	119651	20.007	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	13549	19.776	ug/l #	1
42) 1,2-Dichloroethane	8.228	62	36950	21.539	ug/l	94
43) Isopropyl Acetate	8.270	43	47122	21.163	ug/l	96
44) Trichloroethene	8.935	130	34480	20.750	ug/l	93
45) 1,2-Dichloropropane	9.209	63	31017	20.475	ug/l	94
46) Dibromomethane	9.301	93	18126	20.886	ug/l	99
47) Bromodichloromethane	9.489	83	43560	21.195	ug/l	99
48) Methyl methacrylate	9.288	41	19857	20.687	ug/l	91
49) 1,4-Dioxane	9.294	88	4872	402.738	ug/l	99
51) 4-Methyl-2-Pentanone	10.069	43	128525	111.954	ug/l	96
52) Toluene	10.239	92	78416	20.783	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	44441	21.617	ug/l	99
54) cis-1,3-Dichloropropene	9.922	75	50398	20.532	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	26355	22.826	ug/l	94
56) Ethyl methacrylate	10.508	69	33174	22.510	ug/l	91
57) 1,3-Dichloropropane	10.788	76	43735	21.382	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	80573	98.743	ug/l	96
59) 2-Hexanone	10.825	43	91002	114.751	ug/l	96
60) Dibromochloromethane	10.983	129	31427	21.508	ug/l	99
61) 1,2-Dibromoethane	11.087	107	24483	21.121	ug/l	99
64) Tetrachloroethene	10.715	164	38048	20.333	ug/l	97
65) Chlorobenzene	11.514	112	88466	20.571	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	33029	20.937	ug/l	98
67) Ethyl Benzene	11.587	91	154780	20.746	ug/l	98
68) m/p-Xylenes	11.696	106	121556	40.747	ug/l	94
69) o-Xylene	12.026	106	57530	20.435	ug/l	89
70) Styrene	12.044	104	98727	21.166	ug/l	94
71) Bromoform	12.202	173	20199	20.378	ug/l #	100
73) Isopropylbenzene	12.324	105	152583	19.545	ug/l	99
74) N-amyl acetate	12.141	43	44546	21.753	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.580	83	30291	20.030	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	22143m	17.889	ug/l	
77) Bromobenzene	12.605	156	38336	20.599	ug/l	93
78) n-propylbenzene	12.666	91	193626	20.389	ug/l	99
79) 2-Chlorotoluene	12.751	91	105287	19.642	ug/l	94
80) 1,3,5-Trimethylbenzene	12.806	105	130762	20.029	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.379	75	11318	20.359	ug/l	88
82) 4-Chlorotoluene	12.855	91	111603	20.035	ug/l	97
83) tert-Butylbenzene	13.074	119	111321	20.295	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	131055	21.125	ug/l	96
85) sec-Butylbenzene	13.251	105	175254	21.214	ug/l	99
86) p-Isopropyltoluene	13.367	119	146120	21.033	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	76024	20.677	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	76427	20.201	ug/l	100
89) n-Butylbenzene	13.696	91	137367	21.044	ug/l	99
90) Hexachloroethane	13.958	117	27364	19.867	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	69169	20.743	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.354	75	4920	19.412	ug/l	79
93) 1,2,4-Trichlorobenzene	15.001	180	35262	17.814	ug/l	100
94) Hexachlorobutadiene	15.110	225	22083	19.873	ug/l	99
95) Naphthalene	15.232	128	66762	16.845	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	30341	17.643	ug/l	97

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

