

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070122\
 Data File : VY009416.D
 Acq On : 01 Jul 2022 12:43
 Operator : KP/MD
 Sample : VY0701SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBS02

Quant Time: Jul 05 02:43:32 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 :Mahesh Dadoda 07/05/2022
 Supervised By :Semsettin Yesilyurt 07/05/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	119958	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	190395	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	181934	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	98201	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	51249	53.339	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.680%			
35) Dibromofluoromethane	7.710	113	52888	50.471	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.940%			
50) Toluene-d8	10.173	98	163669	50.942	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.880%			
62) 4-Bromofluorobenzene	12.477	95	81427	53.439	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.880%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	19838	20.087	ug/l	100
3) Chloromethane	2.107	50	19442	18.093	ug/l	100
4) Vinyl Chloride	2.241	62	24771	19.927	ug/l	96
5) Bromomethane	2.625	94	19148	24.005	ug/l	99
6) Chloroethane	2.778	64	16038	24.198	ug/l	100
7) Trichlorofluoromethane	3.113	101	35925	21.783	ug/l	90
8) Diethyl Ether	3.521	74	12450	19.321	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.881	101	22905	19.375	ug/l	98
10) Methyl Iodide	4.082	142	25532	19.676	ug/l	92
11) Tert butyl alcohol	4.936	59	29603	176.602	ug/l #	79
12) 1,1-Dichloroethene	3.857	96	20404	18.922	ug/l	89
13) Acrolein	3.716	56	7868	98.116	ug/l	98
14) Allyl chloride	4.460	41	35221	17.825	ug/l	97
15) Acrylonitrile	5.155	53	38061	104.267	ug/l	97
16) Acetone	3.942	43	30814	97.652	ug/l	96
17) Carbon Disulfide	4.180	76	51008	17.005	ug/l	97
18) Methyl Acetate	4.472	43	20202	22.204	ug/l	93
19) Methyl tert-butyl Ether	5.210	73	64981	20.093	ug/l	100
20) Methylene Chloride	4.704	84	30751	16.528	ug/l	90
21) trans-1,2-Dichloroethene	5.204	96	24106	18.672	ug/l	82
22) Diisopropyl ether	6.112	45	86537	20.753	ug/l	93
23) Vinyl Acetate	6.051	43	274451	105.066	ug/l	97
24) 1,1-Dichloroethane	6.003	63	45229	19.292	ug/l	99
25) 2-Butanone	6.978	43	54931	109.804	ug/l	98
26) 2,2-Dichloropropane	6.978	77	44257	19.945	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	28831	19.222	ug/l	92
28) Bromochloromethane	7.326	49	19717	19.586	ug/l	93
29) Tetrahydrofuran	7.338	42	35923	112.004	ug/l	98
30) Chloroform	7.496	83	48408	20.090	ug/l	97
31) Cyclohexane	7.783	56	38107	17.633	ug/l	97
32) 1,1,1-Trichloroethane	7.697	97	43165	20.004	ug/l	98
36) 1,1-Dichloropropene	7.911	75	34556	18.860	ug/l	96
37) Ethyl Acetate	7.069	43	23041	21.205	ug/l #	94
38) Carbon Tetrachloride	7.893	117	38089	19.889	ug/l	98
39) Methylcyclohexane	9.179	83	39182	18.069	ug/l	91
40) Benzene	8.155	78	104657	19.532	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	12121m	19.746	ug/l	
42) 1,2-Dichloroethane	8.228	62	32329	21.034	ug/l	93
43) Isopropyl Acetate	8.271	43	43989	22.050	ug/l #	91
44) Trichloroethene	8.935	130	29977	20.135	ug/l	98
45) 1,2-Dichloropropane	9.209	63	27551	20.299	ug/l	98
46) Dibromomethane	9.301	93	16397	21.088	ug/l	98
47) Bromodichloromethane	9.490	83	38388	20.848	ug/l	93
48) Methyl methacrylate	9.289	41	18094	21.040	ug/l #	87
49) 1,4-Dioxane	9.295	88	4733	436.682	ug/l	93
51) 4-Methyl-2-Pentanone	10.063	43	123545	120.113	ug/l	97
52) Toluene	10.240	92	69084	20.436	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	40281	21.869	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	42901	19.507	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	23027	22.260	ug/l	97
56) Ethyl methacrylate	10.508	69	30091	22.789	ug/l	92
57) 1,3-Dichloropropane	10.788	76	38874	21.213	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	74166	101.446	ug/l	98
59) 2-Hexanone	10.831	43	85344	120.114	ug/l	95
60) Dibromochloromethane	10.977	129	29190	22.297	ug/l	97
61) 1,2-Dibromoethane	11.087	107	22163	21.340	ug/l	100
64) Tetrachloroethene	10.715	164	33994	20.070	ug/l	95
65) Chlorobenzene	11.514	112	78972	20.286	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	29171	20.429	ug/l	98
67) Ethyl Benzene	11.587	91	132727	19.654	ug/l	99
68) m/p-Xylenes	11.697	106	107416	39.778	ug/l	92
69) o-Xylene	12.026	106	50057	19.643	ug/l	92
70) Styrene	12.038	104	87294	20.675	ug/l	94
71) Bromoform	12.203	173	19029	21.209	ug/l #	99
73) Isopropylbenzene	12.325	105	134616	18.559	ug/l	99
74) N-amyl acetate	12.136	43	40923	21.509	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.575	83	27777	19.770	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	23853m	20.741	ug/l	
77) Bromobenzene	12.605	156	33796	19.546	ug/l	94
78) n-propylbenzene	12.666	91	166438	18.864	ug/l	98
79) 2-Chlorotoluene	12.751	91	90986	18.269	ug/l	96
80) 1,3,5-Trimethylbenzene	12.806	105	113308	18.680	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.373	75	10646	20.611	ug/l	86
82) 4-Chlorotoluene	12.849	91	98057	18.946	ug/l	97
83) tert-Butylbenzene	13.068	119	99404	19.505	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	114466	19.859	ug/l	98
85) sec-Butylbenzene	13.251	105	152488	19.866	ug/l	99
86) p-Isopropyltoluene	13.367	119	126974	19.672	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	68668	20.102	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	67629	19.240	ug/l	100
89) n-Butylbenzene	13.690	91	118469	19.534	ug/l	99
90) Hexachloroethane	13.959	117	24730	19.324	ug/l	88
91) 1,2-Dichlorobenzene	13.733	146	61424	19.826	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5043	21.416	ug/l	84
93) 1,2,4-Trichlorobenzene	15.001	180	35592	19.353	ug/l	99
94) Hexachlorobutadiene	15.111	225	20533	19.888	ug/l	99
95) Naphthalene	15.233	128	72615	19.721	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	30815	19.286	ug/l	99

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

