

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062722\
 Data File : VY009342.D
 Acq On : 27 Jun 2022 14:49
 Operator : KP/MD
 Sample : VY0627SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0627SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/30/2022
 Supervised By :Mahesh Dadoda 06/30/2022

Quant Time: Jun 28 04:29:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062422S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 25 07:08:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	160622	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	259107	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	243812	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	126754	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	59288	48.907	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.820%		
35) Dibromofluoromethane	7.710	113	65179	46.605	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.200%		
50) Toluene-d8	10.173	98	201515	49.208	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.420%		
62) 4-Bromofluorobenzene	12.477	95	103872	52.149	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	104.300%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	27765	20.942	ug/l	96
3) Chloromethane	2.107	50	30282	19.439	ug/l	93
4) Vinyl Chloride	2.241	62	34601	20.649	ug/l	96
5) Bromomethane	2.619	94	23112	21.398	ug/l	100
6) Chloroethane	2.772	64	18710	22.056	ug/l	99
7) Trichlorofluoromethane	3.113	101	45041	21.125	ug/l	99
8) Diethyl Ether	3.522	74	13260	16.015	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.893	101	25516	16.740	ug/l	93
10) Methyl Iodide	4.076	142	31360	15.495	ug/l	99
11) Tert butyl alcohol	4.918	59	39975	167.222	ug/l #	87
12) 1,1-Dichloroethene	3.857	96	22255	14.854	ug/l	92
13) Acrolein	3.717	56	8673	58.327	ug/l	95
14) Allyl chloride	4.467	41	53368	20.292	ug/l	99
15) Acrylonitrile	5.149	53	50795	111.385	ug/l	99
16) Acetone	3.936	43	24294	59.161	ug/l	95
17) Carbon Disulfide	4.174	76	74905	15.357	ug/l	96
18) Methyl Acetate	4.473	43	26861	23.495	ug/l	99
19) Methyl tert-butyl Ether	5.210	73	87623	20.818	ug/l	98
20) Methylene Chloride	4.698	84	46913	24.841	ug/l	97
21) trans-1,2-Dichloroethene	5.204	96	35076	19.844	ug/l	96
22) Diisopropyl ether	6.106	45	118183	22.684	ug/l	94
23) Vinyl Acetate	6.045	43	376224	112.209	ug/l	97
24) 1,1-Dichloroethane	6.009	63	61678	20.522	ug/l	99
25) 2-Butanone	6.978	43	69909	113.208	ug/l	98
26) 2,2-Dichloropropane	6.978	77	57340	20.570	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	39770	20.528	ug/l	97
28) Bromochloromethane	7.320	49	26434	20.561	ug/l	94
29) Tetrahydrofuran	7.338	42	46564	117.491	ug/l	97
30) Chloroform	7.496	83	62283	20.542	ug/l	95
31) Cyclohexane	7.777	56	57348	19.744	ug/l	94
32) 1,1,1-Trichloroethane	7.698	97	54638	20.407	ug/l	98
36) 1,1-Dichloropropene	7.911	75	48343	20.597	ug/l	99
37) Ethyl Acetate	7.064	43	31601	23.706	ug/l	97
38) Carbon Tetrachloride	7.893	117	49983	20.710	ug/l	98
39) Methylcyclohexane	9.179	83	59338	20.289	ug/l	97
40) Benzene	8.155	78	142254	20.595	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	13083m	18.229	ug/l	
42) 1,2-Dichloroethane	8.228	62	42214	21.708	ug/l	99
43) Isopropyl Acetate	8.265	43	57251	23.246	ug/l	98
44) Trichloroethene	8.935	130	40719	21.082	ug/l	99
45) 1,2-Dichloropropane	9.210	63	36783	21.696	ug/l	97
46) Dibromomethane	9.301	93	21359	21.728	ug/l	99
47) Bromodichloromethane	9.490	83	49451	21.633	ug/l	100
48) Methyl methacrylate	9.289	41	24188	22.100	ug/l	96
49) 1,4-Dioxane	9.289	88	6225	465.753	ug/l	91
51) 4-Methyl-2-Pentanone	10.063	43	156222	125.554	ug/l	97
52) Toluene	10.240	92	94301	22.036	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	52316	21.624	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	58464	21.209	ug/l	95
55) 1,1,2-Trichloroethane	10.636	97	29488	21.789	ug/l	96
56) Ethyl methacrylate	10.508	69	40318	22.538	ug/l	95
57) 1,3-Dichloropropane	10.789	76	50503	21.970	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.777	63	100955	109.128	ug/l	97
59) 2-Hexanone	10.825	43	105593	122.006	ug/l	100
60) Dibromochloromethane	10.978	129	36256	22.114	ug/l	97
61) 1,2-Dibromoethane	11.081	107	29507	22.245	ug/l	100
64) Tetrachloroethene	10.715	164	45861	21.625	ug/l	89
65) Chlorobenzene	11.508	112	100211	20.715	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	37001	21.345	ug/l	97
67) Ethyl Benzene	11.587	91	179162	20.975	ug/l	95
68) m/p-Xylenes	11.697	106	143139	42.654	ug/l	99
69) o-Xylene	12.026	106	66563	21.137	ug/l	100
70) Styrene	12.038	104	113138	21.642	ug/l	99
71) Bromoform	12.203	173	23168	21.653	ug/l #	97
73) Isopropylbenzene	12.325	105	176860	20.237	ug/l	100
74) N-amyl acetate	12.142	43	51246	21.830	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.575	83	34976	21.233	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	24478m	19.900	ug/l	
77) Bromobenzene	12.605	156	42871	20.041	ug/l	96
78) n-propylbenzene	12.666	91	220054	20.418	ug/l	99
79) 2-Chlorotoluene	12.752	91	121030	20.212	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	151400	20.567	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	13666	21.993	ug/l	95
82) 4-Chlorotoluene	12.849	91	128860	20.653	ug/l	99
83) tert-Butylbenzene	13.069	119	133014	20.663	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	151122	20.822	ug/l	100
85) sec-Butylbenzene	13.252	105	201713	21.125	ug/l	100
86) p-Isopropyltoluene	13.367	119	166524	21.081	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	83505	20.263	ug/l	98
88) 1,4-Dichlorobenzene	13.441	146	87832	21.123	ug/l	99
89) n-Butylbenzene	13.690	91	156669	21.147	ug/l	98
90) Hexachloroethane	13.959	117	31611	21.146	ug/l	96
91) 1,2-Dichlorobenzene	13.733	146	78759	21.293	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.349	75	6217	21.843	ug/l	96
93) 1,2,4-Trichlorobenzene	15.001	180	47655	21.415	ug/l	98
94) Hexachlorobutadiene	15.111	225	26705	21.725	ug/l	97
95) Naphthalene	15.233	128	93876	21.070	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	40562	21.040	ug/l	98

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

