

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062222\
 Data File : VY009266.D
 Acq On : 22 Jun 2022 11:36
 Operator : KP/MD
 Sample : VY0622SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0622SBS01

Quant Time: Jun 23 01:53:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 14:08:27 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022
 Supervised By :Semsettin Yesilyurt 06/23/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	163249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	262197	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	241069	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	123122	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	82226	45.862	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.720%		
35) Dibromofluoromethane	7.710	113	82809	48.767	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.540%		
50) Toluene-d8	10.179	98	311294	47.723	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	95.440%		
62) 4-Bromofluorobenzene	12.477	95	115717	50.485	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	100.960%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	24045	20.102	ug/l	98
3) Chloromethane	2.107	50	28400	19.347	ug/l	98
4) Vinyl Chloride	2.247	62	32836	20.139	ug/l	97
5) Bromomethane	2.631	94	22954	20.189	ug/l	97
6) Chloroethane	2.778	64	21598	19.896	ug/l	93
7) Trichlorofluoromethane	3.119	101	52152	20.150	ug/l	97
8) Diethyl Ether	3.521	74	18907	19.894	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.887	101	32983	20.042	ug/l	96
10) Methyl Iodide	4.076	142	35657	17.742	ug/l	90
11) Tert butyl alcohol	4.942	59	28734	102.329	ug/l	98
12) 1,1-Dichloroethene	3.863	96	30240	19.336	ug/l #	80
13) Acrolein	3.723	56	4597	74.322	ug/l	93
14) Allyl chloride	4.472	41	58167	20.705	ug/l	94
15) Acrylonitrile	5.155	53	55165	104.083	ug/l	97
16) Acetone	3.942	43	44929	101.423	ug/l #	88
17) Carbon Disulfide	4.186	76	77356	17.805	ug/l	100
18) Methyl Acetate	4.472	43	29545	21.612	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	96826	20.597	ug/l	94
20) Methylene Chloride	4.704	84	44045	15.167	ug/l	87
21) trans-1,2-Dichloroethene	5.204	96	36597	19.745	ug/l	88
22) Diisopropyl ether	6.112	45	130180	22.044	ug/l	93
23) Vinyl Acetate	6.051	43	396937	109.474	ug/l	96
24) 1,1-Dichloroethane	6.009	63	68334	20.441	ug/l #	97
25) 2-Butanone	6.978	43	75405	105.406	ug/l	94
26) 2,2-Dichloropropane	6.972	77	62310	19.827	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	43680	20.102	ug/l	93
28) Bromochloromethane	7.326	49	28467	19.736	ug/l	92
29) Tetrahydrofuran	7.344	42	49778	109.876	ug/l	95
30) Chloroform	7.502	83	71039	20.644	ug/l	99
31) Cyclohexane	7.777	56	62575	20.106	ug/l #	95
32) 1,1,1-Trichloroethane	7.691	97	61606	20.507	ug/l	97
36) 1,1-Dichloropropene	7.911	75	53988	20.892	ug/l	98
37) Ethyl Acetate	7.070	43	32968	21.098	ug/l	96
38) Carbon Tetrachloride	7.899	117	55688	20.725	ug/l	95
39) Methylcyclohexane	9.179	83	64891	20.465	ug/l	94
40) Benzene	8.155	78	157864	20.649	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	19209	22.171	ug/l #	42
42) 1,2-Dichloroethane	8.234	62	45340	20.669	ug/l	90
43) Isopropyl Acetate	8.271	43	62299	21.756	ug/l	94
44) Trichloroethene	8.935	130	43822	20.355	ug/l	94
45) 1,2-Dichloropropane	9.209	63	41275	20.957	ug/l	99
46) Dibromomethane	9.301	93	23401	20.894	ug/l	97
47) Bromodichloromethane	9.496	83	54937	20.656	ug/l	99
48) Methyl methacrylate	9.289	41	27000	21.511	ug/l	89
49) 1,4-Dioxane	9.295	88	6763	420.215	ug/l	91
51) 4-Methyl-2-Pentanone	10.069	43	165380	111.034	ug/l	93
52) Toluene	10.240	92	102778	21.268	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	58708	21.230	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	66993	21.284	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	33522	21.324	ug/l	96
56) Ethyl methacrylate	10.508	69	45074	21.675	ug/l #	85
57) 1,3-Dichloropropane	10.788	76	58125	21.608	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	94260	105.658	ug/l	96
59) 2-Hexanone	10.831	43	115929	115.009	ug/l	92
60) Dibromochloromethane	10.984	129	39776	20.746	ug/l	99
61) 1,2-Dibromoethane	11.087	107	31561	20.591	ug/l	97
64) Tetrachloroethene	10.715	164	49669	21.355	ug/l	99
65) Chlorobenzene	11.514	112	115562	21.279	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	41829	21.066	ug/l	97
67) Ethyl Benzene	11.587	91	201261	21.384	ug/l	99
68) m/p-Xylenes	11.697	106	157449	42.633	ug/l	94
69) o-Xylene	12.026	106	75909	21.614	ug/l	89
70) Styrene	12.044	104	126351	21.694	ug/l	96
71) Bromoform	12.203	173	25605	20.863	ug/l #	98
73) Isopropylbenzene	12.325	105	201760	20.888	ug/l	99
74) N-amyl acetate	12.142	43	54399	21.084	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	39222	21.342	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	27623m	19.136	ug/l	
77) Bromobenzene	12.605	156	46853	19.969	ug/l	96
78) n-propylbenzene	12.666	91	244749	21.030	ug/l	98
79) 2-Chlorotoluene	12.751	91	139177	21.230	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	169609	21.151	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	14260	20.946	ug/l	86
82) 4-Chlorotoluene	12.849	91	144979	21.203	ug/l	98
83) tert-Butylbenzene	13.075	119	149662	21.401	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	170490	21.696	ug/l	98
85) sec-Butylbenzene	13.251	105	223277	21.328	ug/l	98
86) p-Isopropyltoluene	13.367	119	187050	21.498	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	95472	21.051	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	95694	21.030	ug/l	99
89) n-Butylbenzene	13.696	91	175848	21.702	ug/l	99
90) Hexachloroethane	13.959	117	34735	21.046	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	86498	21.229	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6445	19.689	ug/l	75
93) 1,2,4-Trichlorobenzene	15.007	180	51670	20.727	ug/l	100
94) Hexachlorobutadiene	15.111	225	30240	22.547	ug/l	98
95) Naphthalene	15.233	128	105422	21.081	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	45749	21.472	ug/l	99

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

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