

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062122\
 Data File : VY009256.D
 Acq On : 21 Jun 2022 14:43
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY062122

Quant Time: Jun 22 06:15:40 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	7.783	168	190195	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	309959	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	272139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	131417	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	98977	47.383	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.760%		
35) Dibromofluoromethane	7.716	113	100223	49.928	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.860%		
50) Toluene-d8	10.173	98	359634	46.638	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.280%		
62) 4-Bromofluorobenzene	12.477	95	126316	46.617	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.240%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	56700	40.687	ug/l	94
3) Chloromethane	2.107	50	79009	46.198	ug/l	98
4) Vinyl Chloride	2.247	62	86120	45.335	ug/l	96
5) Bromomethane	2.637	94	60835	45.926	ug/l	97
6) Chloroethane	2.784	64	57176	45.208	ug/l	100
7) Trichlorofluoromethane	3.119	101	139187	46.160	ug/l	89
8) Diethyl Ether	3.521	74	53436	48.259	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.893	101	90941	47.431	ug/l	96
10) Methyl Iodide	4.082	142	108008	46.128	ug/l	90
11) Tert butyl alcohol	4.948	59	72243	272.275	ug/l	99
12) 1,1-Dichloroethene	3.863	96	85275	46.801	ug/l	86
13) Acrolein	3.717	56	26611	249.795	ug/l	100
14) Allyl chloride	4.466	41	165047	50.426	ug/l	92
15) Acrylonitrile	5.155	53	161974	262.308	ug/l	97
16) Acetone	3.936	43	152422	295.332	ug/l	92
17) Carbon Disulfide	4.186	76	241593	47.729	ug/l	99
18) Methyl Acetate	4.466	43	73808	51.434	ug/l	92
19) Methyl tert-butyl Ether	5.210	73	282402	51.562	ug/l	96
20) Methylene Chloride	4.704	84	120367	46.674	ug/l	86
21) trans-1,2-Dichloroethene	5.210	96	106393	49.270	ug/l	91
22) Diisopropyl ether	6.112	45	344518	50.073	ug/l #	91
23) Vinyl Acetate	6.051	43	1152489	272.822	ug/l #	94
24) 1,1-Dichloroethane	6.003	63	193432	49.665	ug/l	99
25) 2-Butanone	6.978	43	225700	270.799	ug/l #	90
26) 2,2-Dichloropropane	6.972	77	176346	48.163	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	124885	49.330	ug/l	89
28) Bromochloromethane	7.326	49	81990	48.790	ug/l #	87
29) Tetrahydrofuran	7.338	42	138432	262.274	ug/l	89
30) Chloroform	7.496	83	197817	49.343	ug/l	97
31) Cyclohexane	7.777	56	171731	47.361	ug/l	95
32) 1,1,1-Trichloroethane	7.698	97	173803	49.659	ug/l	97
36) 1,1-Dichloropropene	7.917	75	149103	48.807	ug/l	96
37) Ethyl Acetate	7.064	43	93034	50.362	ug/l #	94
38) Carbon Tetrachloride	7.893	117	154990	48.792	ug/l	99
39) Methylcyclohexane	9.179	83	184235	49.151	ug/l	90
40) Benzene	8.155	78	438584	48.528	ug/l	97

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41) Methacrylonitrile	7.301	41	48841m	47.686	ug/l	
42) 1,2-Dichloroethane	8.234	62	124136	47.868	ug/l	91
43) Isopropyl Acetate	8.265	43	171250	50.588	ug/l #	93
44) Trichloroethene	8.935	130	121517	47.746	ug/l	98
45) 1,2-Dichloropropane	9.209	63	111952	48.083	ug/l	95
46) Dibromomethane	9.301	93	64414	48.651	ug/l	98
47) Bromodichloromethane	9.490	83	150877	47.988	ug/l	99
48) Methyl methacrylate	9.289	41	77642	52.327	ug/l	89
49) 1,4-Dioxane	9.295	88	20544	1079.794	ug/l #	87
51) 4-Methyl-2-Pentanone	10.069	43	447862	254.355	ug/l	91
52) Toluene	10.240	92	271369	47.501	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	162322	49.654	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	183256	49.251	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	92627	49.843	ug/l	98
56) Ethyl methacrylate	10.508	69	128166	52.135	ug/l #	81
57) 1,3-Dichloropropane	10.788	76	153876	48.389	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	249263	236.350	ug/l	95
59) 2-Hexanone	10.831	43	309593	259.809	ug/l	88
60) Dibromochloromethane	10.984	129	111510	49.199	ug/l	100
61) 1,2-Dibromoethane	11.087	107	88954	49.092	ug/l	99
64) Tetrachloroethene	10.715	164	128793	49.053	ug/l	97
65) Chlorobenzene	11.514	112	294341	48.011	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	110242	49.182	ug/l	97
67) Ethyl Benzene	11.593	91	518793	48.828	ug/l	97
68) m/p-Xylenes	11.697	106	405481	97.258	ug/l	92
69) o-Xylene	12.026	106	192840	48.639	ug/l	93
70) Styrene	12.044	104	324947	49.422	ug/l	96
71) Bromoform	12.203	173	71472	51.586	ug/l #	98
73) Isopropylbenzene	12.331	105	512231	49.683	ug/l	99
74) N-amyl acetate	12.142	43	138740	50.378	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	98167	50.043	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	75323m	48.888	ug/l	
77) Bromobenzene	12.605	156	123264	49.220	ug/l	95
78) n-propylbenzene	12.666	91	614020	49.428	ug/l	97
79) 2-Chlorotoluene	12.758	91	344850	49.284	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	426017	49.773	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	37415	51.490	ug/l	87
82) 4-Chlorotoluene	12.855	91	356746	48.881	ug/l	97
83) tert-Butylbenzene	13.075	119	375650	50.325	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	417753	49.806	ug/l	96
85) sec-Butylbenzene	13.251	105	555290	49.695	ug/l	98
86) p-Isopropyltoluene	13.367	119	464002	49.962	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	237193	49.000	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	237631	48.926	ug/l	98
89) n-Butylbenzene	13.696	91	433767	50.153	ug/l	98
90) Hexachloroethane	13.959	117	86658	49.191	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	212754	48.919	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	17702	50.664	ug/l	77
93) 1,2,4-Trichlorobenzene	15.007	180	135325	50.859	ug/l	98
94) Hexachlorobutadiene	15.111	225	71513	49.954	ug/l	97
95) Naphthalene	15.239	128	294532	55.179	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	118823	52.249	ug/l	99

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

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