

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090322\
 Data File : VY010338.D
 Acq On : 03 Sep 2022 22:10
 Operator : KP/MD
 Sample : N4379-07MSD
 Misc : 5.37g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-9-11MSD

Quant Time: Sep 05 04:26:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/06/2022
 Supervised By :Mahesh Dadoda 09/06/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	285645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	472152	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	423740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	201131	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	160927	54.943	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.880%			
35) Dibromofluoromethane	7.716	113	153940	48.975	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.960%			
50) Toluene-d8	10.179	98	563638	53.560	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.120%			
62) 4-Bromofluorobenzene	12.477	95	197994	46.543	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 93.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	100006	43.857	ug/l	98
3) Chloromethane	2.107	50	163315	52.455	ug/l	97
4) Vinyl Chloride	2.247	62	195283	57.569	ug/l	100
5) Bromomethane	2.643	94	136259	74.154	ug/l	97
6) Chloroethane	2.784	64	131604	63.423	ug/l	100
7) Trichlorofluoromethane	3.119	101	244790	51.482	ug/l	94
8) Diethyl Ether	3.521	74	91446	53.822	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.893	101	142847	48.643	ug/l	96
10) Methyl Iodide	4.082	142	203280	57.539	ug/l	91
11) Tert butyl alcohol	4.948	59	76667	218.795	ug/l #	92
12) 1,1-Dichloroethene	3.863	96	138908	48.850	ug/l	88
13) Acrolein	3.723	56	50193	135.312	ug/l	99
14) Allyl chloride	4.472	41	225416	45.040	ug/l #	94
15) Acrylonitrile	5.149	53	222111	250.885	ug/l	97
16) Acetone	3.942	43	167730	229.075	ug/l	95
17) Carbon Disulfide	4.186	76	395448	45.656	ug/l	100
18) Methyl Acetate	4.466	43	205655	90.505	ug/l #	89
19) Methyl tert-butyl Ether	5.210	73	443708	53.376	ug/l	96
20) Methylene Chloride	4.704	84	197819	55.984	ug/l	85
21) trans-1,2-Dichloroethene	5.210	96	163943	50.878	ug/l	85
22) Diisopropyl ether	6.112	45	496688	48.830	ug/l #	88
23) Vinyl Acetate	6.051	43	709556m	111.257	ug/l	
24) 1,1-Dichloroethane	6.009	63	291429	49.735	ug/l	98
25) 2-Butanone	6.978	43	286178	238.153	ug/l #	86
26) 2,2-Dichloropropane	6.972	77	232261	43.519	ug/l	94
27) cis-1,2-Dichloroethene	6.978	96	195351	53.048	ug/l	86
28) Bromochloromethane	7.326	49	107766	52.445	ug/l #	80
29) Tetrahydrofuran	7.344	42	189254	245.835	ug/l #	85
30) Chloroform	7.502	83	310244	53.765	ug/l	100
31) Cyclohexane	7.777	56	237525	41.572	ug/l	92
32) 1,1,1-Trichloroethane	7.697	97	273607	52.038	ug/l	95
36) 1,1-Dichloropropene	7.911	75	218321	47.340	ug/l	96
37) Ethyl Acetate	7.069	43	95748	36.212	ug/l #	94
38) Carbon Tetrachloride	7.899	117	246965	51.961	ug/l	99
39) Methylcyclohexane	9.179	83	265505	44.594	ug/l	90
40) Benzene	8.155	78	663362	50.225	ug/l	96

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41) Methacrylonitrile	7.319	41	74196m	49.774	ug/l	
42) 1,2-Dichloroethane	8.234	62	207212	54.109	ug/l	93
43) Isopropyl Acetate	8.270	43	207284	41.126	ug/l #	89
44) Trichloroethene	8.935	130	187725	51.773	ug/l	99
45) 1,2-Dichloropropane	9.215	63	166682	49.534	ug/l	95
46) Dibromomethane	9.301	93	101592	54.967	ug/l	96
47) Bromodichloromethane	9.496	83	244443	53.780	ug/l	98
48) Methyl methacrylate	9.289	41	129087	54.906	ug/l #	86
49) 1,4-Dioxane	9.295	88	27248	1071.435	ug/l #	89
51) 4-Methyl-2-Pentanone	10.069	43	670958	258.025	ug/l	91
52) Toluene	10.240	92	424074	50.193	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	246572	50.297	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	273439	49.466	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	144197	54.960	ug/l	98
56) Ethyl methacrylate	10.508	69	159039	41.030	ug/l #	83
57) 1,3-Dichloropropane	10.788	76	241365	52.780	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	236247	225.866	ug/l	94
59) 2-Hexanone	10.831	43	461116	255.725	ug/l	89
60) Dibromochloromethane	10.983	129	178875	56.579	ug/l	100
61) 1,2-Dibromoethane	11.087	107	139456	55.002	ug/l	100
64) Tetrachloroethene	10.715	164	181849	52.623	ug/l	99
65) Chlorobenzene	11.514	112	464901	51.487	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	180630	54.479	ug/l	98
67) Ethyl Benzene	11.593	91	808075	48.870	ug/l	96
68) m/p-Xylenes	11.703	106	630754	99.859	ug/l	94
69) o-Xylene	12.026	106	313505	51.120	ug/l	92
70) Styrene	12.044	104	527790	51.664	ug/l	95
71) Bromoform	12.209	173	117351	57.256	ug/l #	98
73) Isopropylbenzene	12.325	105	796542	49.639	ug/l	100
74) N-amyl acetate	12.142	43	134775	30.443	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	161403	52.337	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	118502m	49.509	ug/l	
77) Bromobenzene	12.605	156	196269	53.766	ug/l	94
78) n-propylbenzene	12.672	91	921581	47.843	ug/l	97
79) 2-Chlorotoluene	12.751	91	539319	49.536	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	666507	49.575	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	53897	46.974	ug/l	89
82) 4-Chlorotoluene	12.855	91	552466	49.282	ug/l	98
83) tert-Butylbenzene	13.075	119	594565	50.902	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	658238	49.856	ug/l	98
85) sec-Butylbenzene	13.251	105	835581	48.373	ug/l	98
86) p-Isopropyltoluene	13.367	119	706154	49.491	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	371083	52.354	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	366104	51.950	ug/l	98
89) n-Butylbenzene	13.696	91	614066	45.527	ug/l	98
90) Hexachloroethane	13.958	117	136498	49.839	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	337162	53.372	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	28186	51.868	ug/l	82
93) 1,2,4-Trichlorobenzene	15.007	180	190858	48.811	ug/l	98
94) Hexachlorobutadiene	15.111	225	111299	48.564	ug/l	99
95) Naphthalene	15.233	128	418878	51.628	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	169871	51.294	ug/l	99

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

