

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020322\
 Data File : VY007383.D
 Acq On : 03 Feb 2022 18:00
 Operator : SY/MD
 Sample : N1381-12MSD
 Misc : 5.82g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-09(25-30)-02-02-22MSD

Quant Time: Feb 04 08:41:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/04/2022
 Supervised By :Semsettin Yesilyurt 02/07/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	136567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	238358	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	202974	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	88620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	85177	54.223	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.440%			
35) Dibromofluoromethane	7.716	113	78970	51.595	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.180%			
50) Toluene-d8	10.179	98	290190	51.318	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.640%			
62) 4-Bromofluorobenzene	12.477	95	96052	49.975	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.960%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	76365	47.760	ug/l	99
3) Chloromethane	2.113	50	86056	49.096	ug/l	99
4) Vinyl Chloride	2.247	62	90226	47.853	ug/l	96
5) Bromomethane	2.650	94	59769	52.334	ug/l	98
6) Chloroethane	2.790	64	54841	47.360	ug/l	98
7) Trichlorofluoromethane	3.125	101	153059	50.094	ug/l	91
8) Diethyl Ether	3.528	74	46462	51.229	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.893	101	83970	48.797	ug/l	91
10) Methyl Iodide	4.089	142	103183	55.623	ug/l	95
11) Tert butyl alcohol	4.954	59	38641	205.601	ug/l #	94
12) 1,1-Dichloroethene	3.869	96	81306	51.151	ug/l	83
13) Acrolein	3.723	56	40387	191.387	ug/l	97
14) Allyl chloride	4.479	41	122055	49.994	ug/l #	96
15) Acrylonitrile	5.162	53	111582	261.866	ug/l	99
16) Acetone	3.942	43	147313	288.751	ug/l	94
17) Carbon Disulfide	4.192	76	257664	51.635	ug/l	99
18) Methyl Acetate	4.473	43	51432	53.824	ug/l #	90
19) Methyl tert-butyl Ether	5.216	73	233101	52.052	ug/l	97
20) Methylene Chloride	4.710	84	87364	52.974	ug/l	89
21) trans-1,2-Dichloroethene	5.216	96	89476	50.883	ug/l	91
22) Diisopropyl ether	6.119	45	257193	50.277	ug/l #	92
23) Vinyl Acetate	6.058	43	848957	254.465	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	158478	51.295	ug/l	98
25) 2-Butanone	6.984	43	166041	269.377	ug/l #	84
26) 2,2-Dichloropropane	6.978	77	147230	49.803	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	101121	52.062	ug/l	90
28) Bromochloromethane	7.332	49	61803	51.160	ug/l #	85
29) Tetrahydrofuran	7.344	42	95411	267.872	ug/l #	88
30) Chloroform	7.503	83	166203	51.713	ug/l	99
31) Cyclohexane	7.783	56	138387	45.148	ug/l	92
32) 1,1,1-Trichloroethane	7.704	97	154196	51.621	ug/l	96
36) 1,1-Dichloropropene	7.917	75	128543	48.039	ug/l	99
37) Ethyl Acetate	7.070	43	65689	49.379	ug/l	96
38) Carbon Tetrachloride	7.899	117	136603	48.592	ug/l	99
39) Methylcyclohexane	9.179	83	136761	40.698	ug/l	92
40) Benzene	8.161	78	352613	49.715	ug/l	96

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41) Methacrylonitrile	7.314	41	36373m	55.022	ug/l	
42) 1,2-Dichloroethane	8.234	62	108963	50.537	ug/l	95
43) Isopropyl Acetate	8.271	43	128082	51.483	ug/l #	92
44) Trichloroethene	8.935	130	96003	50.060	ug/l	92
45) 1,2-Dichloropropane	9.216	63	85385	48.821	ug/l	96
46) Dibromomethane	9.301	93	52158	50.126	ug/l	92
47) Bromodichloromethane	9.496	83	125093	49.715	ug/l	100
48) Methyl methacrylate	9.289	41	57244	50.879	ug/l #	86
49) 1,4-Dioxane	9.295	88	13064	1146.182	ug/l	92
51) 4-Methyl-2-Pentanone	10.069	43	330033	261.568	ug/l	92
52) Toluene	10.240	92	221137	49.484	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	129168	49.139	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	147242	50.010	ug/l #	83
55) 1,1,2-Trichloroethane	10.642	97	71084	52.016	ug/l	99
56) Ethyl methacrylate	10.508	69	99750	52.552	ug/l	85
57) 1,3-Dichloropropane	10.789	76	121872	50.298	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	218364	221.158	ug/l	96
59) 2-Hexanone	10.831	43	245946	267.370	ug/l	90
60) Dibromochloromethane	10.984	129	85810	50.437	ug/l	99
61) 1,2-Dibromoethane	11.087	107	68229	50.464	ug/l	99
64) Tetrachloroethene	10.715	164	82468	51.772	ug/l	95
65) Chlorobenzene	11.514	112	228561	50.619	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	86936	51.577	ug/l	97
67) Ethyl Benzene	11.593	91	426692	49.799	ug/l	100
68) m/p-Xylenes	11.703	106	317421	100.023	ug/l	99
69) o-Xylene	12.026	106	151479	50.486	ug/l	99
70) Styrene	12.044	104	256538	51.867	ug/l	99
71) Bromoform	12.203	173	48692	52.358	ug/l #	98
73) Isopropylbenzene	12.325	105	397221	49.045	ug/l	98
74) N-amyl acetate	12.142	43	116617	58.170	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	78378	52.992	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	55447m	52.630	ug/l	
77) Bromobenzene	12.605	156	87322	51.184	ug/l	98
78) n-propylbenzene	12.666	91	469805	47.890	ug/l	99
79) 2-Chlorotoluene	12.752	91	268822	49.493	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	321746	48.697	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.374	75	26340	50.089	ug/l	88
82) 4-Chlorotoluene	12.849	91	273237	48.980	ug/l	98
83) tert-Butylbenzene	13.075	119	270864	47.092	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	317102	48.744	ug/l	98
85) sec-Butylbenzene	13.252	105	383648	44.469	ug/l	98
86) p-Isopropyltoluene	13.367	119	315688	44.919	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	162334	49.076	ug/l	98
88) 1,4-Dichlorobenzene	13.441	146	160593	48.705	ug/l	97
89) n-Butylbenzene	13.690	91	279111	41.262	ug/l	99
90) Hexachloroethane	13.959	117	60371	45.454	ug/l	79
91) 1,2-Dichlorobenzene	13.733	146	146625	50.360	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	13318	55.409	ug/l	87
93) 1,2,4-Trichlorobenzene	15.001	180	75924	44.034	ug/l	93
94) Hexachlorobutadiene	15.111	225	25444	26.657	ug/l	97
95) Naphthalene	15.233	128	200927	56.076	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	65534	45.027	ug/l #	91

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

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