

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052422\
 Data File : VY009062.D
 Acq On : 24 May 2022 15:18
 Operator : KP/MD
 Sample : N2948-26MSD
 Misc : 6.17g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P037-SS001-1218-01MSD

Quant Time: May 25 02:53:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 05/27/2022
 Supervised By :Mahesh Dadoda 05/31/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	90763	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	157501	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	167326	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	104792	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	37202	39.826	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	79.660%		
35) Dibromofluoromethane	7.716	113	35048	35.785	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	71.560%		
50) Toluene-d8	10.179	98	105667	29.245	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	58.480%		
62) 4-Bromofluorobenzene	12.483	95	57765	39.632	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	79.260%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	36876	44.422	ug/l	98
3) Chloromethane	2.113	50	63281	53.210	ug/l	96
4) Vinyl Chloride	2.247	62	88880	50.444	ug/l	97
5) Bromomethane	2.643	94	75946	43.972	ug/l	98
6) Chloroethane	2.790	64	62039	49.701	ug/l	98
7) Trichlorofluoromethane	3.125	101	66616	44.521	ug/l	94
8) Diethyl Ether	3.527	74	27333	58.420	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.899	101	41459	45.083	ug/l	93
10) Methyl Iodide	4.088	142	52424	55.206	ug/l	92
11) Tert butyl alcohol	4.948	59	25928	273.646	ug/l #	95
12) 1,1-Dichloroethene	3.869	96	39295	46.029	ug/l	88
13) Acrolein	3.729	56	3210	102.925	ug/l	95
14) Allyl chloride	4.472	41	66370	51.588	ug/l #	88
15) Acrylonitrile	5.161	53	79010	301.605	ug/l	99
16) Acetone	3.942	43	77950	400.888	ug/l #	89
17) Carbon Disulfide	4.192	76	131969	47.317	ug/l	100
18) Methyl Acetate	4.472	43	53822	88.890	ug/l #	89
19) Methyl tert-butyl Ether	5.216	73	149643	58.400	ug/l	93
20) Methylene Chloride	4.716	84	61154	57.508	ug/l	86
21) trans-1,2-Dichloroethene	5.216	96	52753	48.144	ug/l	89
22) Diisopropyl ether	6.118	45	165502	53.546	ug/l #	94
23) Vinyl Acetate	6.057	43	423401	207.087	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	94871	51.318	ug/l	98
25) 2-Butanone	6.984	43	111576	321.270	ug/l #	87
26) 2,2-Dichloropropane	6.978	77	85995	50.497	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	64747	52.418	ug/l	88
28) Bromochloromethane	7.332	49	35421	55.821	ug/l #	93
29) Tetrahydrofuran	7.350	42	71739	304.093	ug/l #	87
30) Chloroform	7.502	83	104062	52.146	ug/l	94
31) Cyclohexane	7.783	56	77217	42.254	ug/l	91
32) 1,1,1-Trichloroethane	7.697	97	86958	48.030	ug/l	98
36) 1,1-Dichloropropene	7.917	75	73414	44.046	ug/l	98
37) Ethyl Acetate	7.069	43	41875	48.433	ug/l	98
38) Carbon Tetrachloride	7.899	117	77102	44.220	ug/l	96
39) Methylcyclohexane	9.179	83	85597	39.786	ug/l	91
40) Benzene	8.155	78	232248	48.322	ug/l	94

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41) Methacrylonitrile	7.307	41	21655m	48.537	ug/l	
42) 1,2-Dichloroethane	8.234	62	78287	55.471	ug/l	94
43) Isopropyl Acetate	8.270	43	90137	56.068	ug/l #	92
44) Trichloroethene	8.941	130	59263	46.568	ug/l	97
45) 1,2-Dichloropropane	9.215	63	59893	51.898	ug/l	96
46) Dibromomethane	9.301	93	40103	54.650	ug/l	92
47) Bromodichloromethane	9.496	83	86833	51.776	ug/l	96
48) Methyl methacrylate	9.289	41	43755	60.953	ug/l #	81
49) 1,4-Dioxane	9.295	88	11404	1162.544	ug/l	85
51) 4-Methyl-2-Pentanone	10.069	43	264443	297.221	ug/l	93
52) Toluene	10.246	92	159828	47.584	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	97344	54.659	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	102472	53.523	ug/l	92
55) 1,1,2-Trichloroethane	10.642	97	55001	53.573	ug/l	98
56) Ethyl methacrylate	10.508	69	68188	51.950	ug/l	86
57) 1,3-Dichloropropane	10.788	76	93578	55.877	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	134674	237.162	ug/l	96
59) 2-Hexanone	10.831	43	188055	308.709	ug/l	90
60) Dibromochloromethane	10.983	129	67277	54.059	ug/l	99
61) 1,2-Dibromoethane	11.087	107	56327	55.367	ug/l	98
64) Tetrachloroethene	10.721	164	60401	49.594	ug/l	98
65) Chlorobenzene	11.514	112	175274	45.638	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	68514	48.721	ug/l	98
67) Ethyl Benzene	11.593	91	311203	44.964	ug/l	95
68) m/p-Xylenes	11.703	106	260479	92.709	ug/l	91
69) o-Xylene	12.026	106	125355	48.045	ug/l	90
70) Styrene	12.044	104	224444	50.022	ug/l	94
71) Bromoform	12.209	173	49038	52.604	ug/l #	98
73) Isopropylbenzene	12.331	105	319692	40.799	ug/l	99
74) N-amyl acetate	12.142	43	78746	43.557	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	76656	47.490	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	56065m	49.821	ug/l	
77) Bromobenzene	12.605	156	78015	42.950	ug/l	97
78) n-propylbenzene	12.672	91	392734	43.381	ug/l	99
79) 2-Chlorotoluene	12.757	91	221886	42.491	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	277302	42.222	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	26890	49.045	ug/l	87
82) 4-Chlorotoluene	12.855	91	246933	44.211	ug/l	97
83) tert-Butylbenzene	13.074	119	239262	41.062	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	290298	44.525	ug/l	97
85) sec-Butylbenzene	13.251	105	367786	41.254	ug/l	100
86) p-Isopropyltoluene	13.367	119	319443	42.968	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	171028	44.140	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	174607	44.854	ug/l	97
89) n-Butylbenzene	13.696	91	283187	41.637	ug/l	99
90) Hexachloroethane	13.958	117	58353	41.884	ug/l	85
91) 1,2-Dichlorobenzene	13.739	146	155185	45.372	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11637	46.437	ug/l	77
93) 1,2,4-Trichlorobenzene	15.007	180	75818	40.390	ug/l	99
94) Hexachlorobutadiene	15.111	225	35538	34.736	ug/l	97
95) Naphthalene	15.233	128	174939	46.392	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	66980	41.062	ug/l	98

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

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