

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052422\
 Data File : VY009059.D
 Acq On : 24 May 2022 14:10
 Operator : KP/MD
 Sample : N2948-15MS
 Misc : 3.74g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P036-SS001-0612-01MS

Quant Time: May 25 02:52:03 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	95465	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	153506	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	153904	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	87058	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	37630	38.300	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	76.600%		
35) Dibromofluoromethane	7.716	113	37670	39.463	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	78.920%		
50) Toluene-d8	10.179	98	116175	32.990	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	65.980%		
62) 4-Bromofluorobenzene	12.483	95	61742	43.464	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	86.920%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	35160	40.268	ug/l	98
3) Chloromethane	2.113	50	59878	47.868	ug/l	93
4) Vinyl Chloride	2.247	62	86010	46.411	ug/l	99
5) Bromomethane	2.643	94	73795	40.622	ug/l	93
6) Chloroethane	2.796	64	59471	45.297	ug/l	99
7) Trichlorofluoromethane	3.125	101	64222	40.807	ug/l	91
8) Diethyl Ether	3.527	74	23686	48.131	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.893	101	39674	41.017	ug/l	93
10) Methyl Iodide	4.094	142	40150	40.198	ug/l	93
11) Tert butyl alcohol	4.954	59	18608	186.718	ug/l #	90
12) 1,1-Dichloroethene	3.869	96	36487	40.635	ug/l	85
13) Acrolein	3.728	56	2955	90.082	ug/l	92
14) Allyl chloride	4.478	41	54158	40.022	ug/l #	82
15) Acrylonitrile	5.161	53	63408	230.126	ug/l	99
16) Acetone	3.942	43	62437	305.291	ug/l #	85
17) Carbon Disulfide	4.192	76	117934	40.202	ug/l	99
18) Methyl Acetate	4.472	43	48152	75.608	ug/l #	88
19) Methyl tert-butyl Ether	5.222	73	123234	45.725	ug/l	94
20) Methylene Chloride	4.710	84	54640	47.404	ug/l	83
21) trans-1,2-Dichloroethene	5.216	96	46876	40.673	ug/l #	79
22) Diisopropyl ether	6.118	45	144195	44.354	ug/l #	93
23) Vinyl Acetate	6.057	43	297955	138.553	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	83548	42.967	ug/l	98
25) 2-Butanone	6.984	43	86389	236.495	ug/l #	84
26) 2,2-Dichloropropane	6.978	77	74545	41.618	ug/l	94
27) cis-1,2-Dichloroethene	6.984	96	54430	41.895	ug/l	89
28) Bromochloromethane	7.331	49	26709	40.019	ug/l #	92
29) Tetrahydrofuran	7.350	42	55979	225.601	ug/l #	85
30) Chloroform	7.502	83	90894	43.304	ug/l	99
31) Cyclohexane	7.783	56	70165	36.504	ug/l	94
32) 1,1,1-Trichloroethane	7.697	97	76886	40.375	ug/l	99
36) 1,1-Dichloropropene	7.917	75	66256	40.786	ug/l	98
37) Ethyl Acetate	7.075	43	35392	42.000	ug/l	99
38) Carbon Tetrachloride	7.898	117	69689	41.009	ug/l	94
39) Methylcyclohexane	9.179	83	76267	36.372	ug/l	89
40) Benzene	8.161	78	203943	43.537	ug/l	97

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41) Methacrylonitrile	7.319	41	20227m	46.516	ug/l	
42) 1,2-Dichloroethane	8.234	62	65458	47.588	ug/l	93
43) Isopropyl Acetate	8.270	43	73129	46.673	ug/l #	93
44) Trichloroethene	8.941	130	51157	41.245	ug/l	100
45) 1,2-Dichloropropane	9.215	63	51978	46.211	ug/l	98
46) Dibromomethane	9.301	93	34499	48.236	ug/l	90
47) Bromodichloromethane	9.496	83	75805	46.377	ug/l	99
48) Methyl methacrylate	9.295	41	35698	51.023	ug/l #	84
49) 1,4-Dioxane	9.295	88	8902	931.103	ug/l #	80
51) 4-Methyl-2-Pentanone	10.069	43	209471	241.562	ug/l	92
52) Toluene	10.239	92	140518	42.924	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	84018	48.404	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	87388	46.832	ug/l	91
55) 1,1,2-Trichloroethane	10.642	97	46589	46.561	ug/l	98
56) Ethyl methacrylate	10.508	69	56922	44.496	ug/l	89
57) 1,3-Dichloropropane	10.788	76	78840	48.302	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	136230	246.146	ug/l	95
59) 2-Hexanone	10.831	43	149561	251.907	ug/l	90
60) Dibromochloromethane	10.983	129	55492	45.750	ug/l	99
61) 1,2-Dibromoethane	11.087	107	46044	46.437	ug/l	99
64) Tetrachloroethene	10.715	164	45010	40.180	ug/l	97
65) Chlorobenzene	11.514	112	153028	43.321	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	57764	44.659	ug/l	96
67) Ethyl Benzene	11.593	91	273065	42.895	ug/l	95
68) m/p-Xylenes	11.703	106	224202	86.756	ug/l	93
69) o-Xylene	12.026	106	107121	44.637	ug/l	92
70) Styrene	12.044	104	194358	47.094	ug/l	94
71) Bromoform	12.203	173	39887	46.519	ug/l #	98
73) Isopropylbenzene	12.331	105	277499	42.628	ug/l	99
74) N-amyl acetate	12.142	43	63234	42.102	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	62286	46.448	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	47033m	50.308	ug/l	
77) Bromobenzene	12.605	156	68189	45.188	ug/l	97
78) n-propylbenzene	12.672	91	348179	46.294	ug/l	100
79) 2-Chlorotoluene	12.757	91	193952	44.707	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	241051	44.179	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	21931	48.148	ug/l	90
82) 4-Chlorotoluene	12.855	91	213194	45.946	ug/l	96
83) tert-Butylbenzene	13.074	119	210936	43.575	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	251712	46.471	ug/l	98
85) sec-Butylbenzene	13.251	105	313563	42.337	ug/l	99
86) p-Isopropyltoluene	13.367	119	265937	43.058	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	146479	45.505	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	146628	45.340	ug/l	99
89) n-Butylbenzene	13.696	91	232415	41.133	ug/l	99
90) Hexachloroethane	13.958	117	49522	42.787	ug/l	82
91) 1,2-Dichlorobenzene	13.739	146	132044	46.470	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9287	44.608	ug/l	83
93) 1,2,4-Trichlorobenzene	15.007	180	57529	36.890	ug/l	99
94) Hexachlorobutadiene	15.111	225	22612	26.604	ug/l	98
95) Naphthalene	15.232	128	132109	42.170	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	50243	37.076	ug/l	99

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

