

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093021\
 Data File : VW020276.D
 Acq On : 30 Sep 2021 17:41
 Operator : SY/VA
 Sample : M3974-04MS
 Misc : 6.98g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW8Y9MS

Quant Time: Oct 01 01:06:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 01 01:03:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	282774	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	120317	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	23906	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	93871	16.227	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.920%
7) Chloroethane-d5	2.898	69	94788	21.750	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.000%
11) 1,1-Dichloroethene-d2	4.026	63	123871	13.676	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.720%
21) 2-Butanone-d5	7.080	46	29421	32.958	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.920%
24) Chloroform-d	7.653	84	189796	21.342	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.360%
26) 1,2-Dichloroethane-d4	8.305	65	127595	26.658	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.640%
32) Benzene-d6	8.275	84	423816	55.213	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	220.840%#
36) 1,2-Dichloropropane-d6	9.275	67	123544	55.613	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	222.440%#
41) Toluene-d8	10.323	98	266661	38.180	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	152.720%#
43) trans-1,3-Dichloroprop...	10.579	79	36351	38.284	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	153.120%#
47) 2-Hexanone-d5	10.927	63	26113	84.941	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	169.880%#
56) 1,1,2,2-Tetrachloroeth...	12.701	84	63221	36.894	ug/L	0.01
Spiked Amount	25.000	Range	45 - 120	Recovery	=	147.560%#
66) 1,2-Dichlorobenzene-d4	13.853	152	27991	31.226	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	124.920%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	52542	21.214	ug/L	100
3) Chloromethane	2.215	50	75062	21.917	ug/L	99
5) Vinyl chloride	2.367	62	134482	25.007	ug/L	98
6) Bromomethane	2.788	94	100852	29.009	ug/L	98
8) Chloroethane	2.928	64	93843	28.857	ug/L	98
9) Trichlorofluoromethane	3.270	101	71270	18.837	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	76654	18.532	ug/L	96
12) 1,1-Dichloroethene	4.050	96	73594	19.625	ug/L #	62
13) Acetone	4.123	43	26107	34.147	ug/L	99
14) Carbon disulfide	4.391	76	194437	16.487	ug/L	98
15) Methyl Acetate	4.672	43	26384	18.046	ug/L	95
16) Methylene chloride	4.922	84	95954	19.231	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	83486	21.132	ug/L	94
18) Methyl tert-butyl Ether	5.434	73	115007	24.523	ug/L	98
19) 1,1-Dichloroethane	6.214	63	213674	29.324	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	92529	23.030	ug/L	91
22) 2-Butanone	7.177	43	36071	36.366	ug/L	94
23) Bromochloromethane	7.519	128	42286	23.218	ug/L	86
25) Chloroform	7.677	83	174630	22.918	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	147495	29.414	ug/L	100
29) Cyclohexane	7.958	56	114025	42.591	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	200878	67.377	ug/L	99
31) Carbon tetrachloride	8.074	117	162882	60.045	ug/L	99
33) Benzene	8.330	78	454629	62.610	ug/L	100
34) Trichloroethene	9.092	95	1277118	657.015	ug/L	98
35) Methylcyclohexane	9.336	83	69801	22.039	ug/L	98
37) 1,2-Dichloropropane	9.372	63	107816	59.947	ug/L	100
38) Bromodichloromethane	9.646	83	127319	52.276	ug/L	95
39) cis-1,3-Dichloropropene	10.079	75	102042	38.467	ug/L	97
40) 4-Methyl-2-pentanone	10.213	43	103607	114.381	ug/L	99
42) Toluene	10.390	91	329446	42.705	ug/L	98
44) trans-1,3-Dichloropropene	10.610	75	97755	41.026	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	61067	46.306	ug/L	98
46) Tetrachloroethene	10.866	164	35396	23.559	ug/L	93
48) 2-Hexanone	10.969	43	60343	95.634	ug/L	97
49) Dibromochloromethane	11.128	129	61088	39.642	ug/L	99
50) 1,2-Dibromoethane	11.232	107	45495	36.657	ug/L #	98
51) Chlorobenzene	11.658	112	122741	24.463	ug/L	95
52) Ethylbenzene	11.731	91	181964	21.415	ug/L	98
53) m,p-Xylene	11.841	106	71053	21.934	ug/L	96
54) o-Xylene	12.164	106	87136	29.079	ug/L	100
55) Styrene	12.183	104	112757	21.655	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	73016	46.355	ug/L	97
59) Bromoform	12.353	173	27724	85.058	ug/L	98
60) Isopropylbenzene	12.463	105	155234	48.429	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	43281	95.881	ug/L	96
62) 1,3,5-Trimethylbenzene	12.945	105	113680	43.214	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	101025	39.094	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	36855	25.071	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	35601	23.435	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	42711	31.902	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	6738	66.495	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	17363	17.077	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	9540	12.158	ug/L #	95
71) Naphthalene	15.365	128	50499	36.490	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	10178	14.405	ug/L	97

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

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