

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092421\
 Data File : VW020182.D
 Acq On : 24 Sep 2021 11:10
 Operator : SY/VA
 Sample : M3874-02MS
 Misc : 5.15g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW7S7MS

Quant Time: Sep 25 00:39:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 25 00:37:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	363803	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	341645	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	176855	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	142042	19.085	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.320%
7) Chloroethane-d5	2.897	69	111939	19.965	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.840%
11) 1,1-Dichloroethene-d2	4.031	63	242896	20.844	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.360%
21) 2-Butanone-d5	7.080	46	47603	41.448	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.900%
24) Chloroform-d	7.653	84	260548	22.772	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.080%
26) 1,2-Dichloroethane-d4	8.311	65	134633	21.864	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.440%
32) Benzene-d6	8.281	84	485954	22.295	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	9.274	67	142313	22.561	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.240%
41) Toluene-d8	10.329	98	444956	22.436	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.760%
43) trans-1,3-Dichloroprop...	10.579	79	59988	22.250	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.000%
47) 2-Hexanone-d5	10.927	63	37562	43.029	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.060%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	106162	21.818	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.280%
66) 1,2-Dichlorobenzene-d4	13.853	152	142490	21.487	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.960%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.020	85	84052	26.378	ug/L	89
3) Chloromethane	2.221	50	106647	24.204	ug/L	99
5) Vinyl chloride	2.373	62	168467	24.349	ug/L	97
6) Bromomethane	2.794	94	102284	22.868	ug/L	97
8) Chloroethane	2.940	64	99028	23.669	ug/L	100
9) Trichlorofluoromethane	3.269	101	114362	23.494	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	124142	23.328	ug/L	99
12) 1,1-Dichloroethene	4.050	96	118121	24.483	ug/L	90
13) Acetone	4.123	43	42924	43.638	ug/L	94
14) Carbon disulfide	4.397	76	375354	24.739	ug/L	98
15) Methyl Acetate	4.678	43	41384	22.001	ug/L	99
16) Methylene chloride	4.921	84	127714	19.895	ug/L	95
17) trans-1,2-Dichloroethene	5.434	96	123842	24.366	ug/L	97
18) Methyl tert-butyl Ether	5.434	73	142798	23.667	ug/L	100
19) 1,1-Dichloroethane	6.226	63	231319	24.675	ug/L	97
20) cis-1,2-Dichloroethene	7.177	96	126454	24.464	ug/L	93
22) 2-Butanone	7.177	43	54292	42.545	ug/L	99
23) Bromochloromethane	7.519	128	56915	24.290	ug/L	93
25) Chloroform	7.683	83	244362	24.927	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	152901	23.701	ug/L	99
29) Cyclohexane	7.964	56	192977	25.385	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	204424	24.147	ug/L	100
31) Carbon tetrachloride	8.073	117	187204	24.304	ug/L	99
33) Benzene	8.329	78	520955	25.266	ug/L	100
34) Trichloroethene	9.098	95	134331	24.337	ug/L	98
35) Methylcyclohexane	9.341	83	219807	24.441	ug/L	99
37) 1,2-Dichloropropane	9.372	63	127120	24.891	ug/L	99
38) Bromodichloromethane	9.646	83	169581	24.521	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	188226	24.989	ug/L	96
40) 4-Methyl-2-pentanone	10.213	43	113900	44.283	ug/L	100
42) Toluene	10.390	91	562869	25.695	ug/L	99
44) trans-1,3-Dichloropropene	10.609	75	166369	24.589	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	88609	23.663	ug/L	96
46) Tetrachloroethene	10.866	164	100769	23.620	ug/L	98
48) 2-Hexanone	10.969	43	83840	46.794	ug/L	98
49) Dibromochloromethane	11.134	129	104031	23.775	ug/L	89
50) 1,2-Dibromoethane	11.237	107	77533	22.000	ug/L	99
51) Chlorobenzene	11.658	112	344014	24.146	ug/L	98
52) Ethylbenzene	11.731	91	620767	25.729	ug/L	95
53) m,p-Xylene	11.841	106	237762	25.848	ug/L	99
54) o-Xylene	12.170	106	222896	26.196	ug/L	99
55) Styrene	12.182	104	389987	26.377	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	99343	22.211	ug/L	97
59) Bromoform	12.353	173	52662	21.840	ug/L	96
60) Isopropylbenzene	12.463	105	611530	25.789	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	73157	21.907	ug/L	100
62) 1,3,5-Trimethylbenzene	12.944	105	508089	26.108	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	501550	26.235	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	263969	24.273	ug/L	99
65) 1,4-Dichlorobenzene	13.578	146	267863	23.834	ug/L	99
67) 1,2-Dichlorobenzene	13.871	146	233042	23.529	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	14911	19.891	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	177132	23.549	ug/L	100
70) 1,2,4-trichlorobenzene	15.133	180	134613	23.189	ug/L	96
71) Naphthalene	15.365	128	233216	22.779	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	124544	23.827	ug/L	99

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

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