

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
 Data File : VW020145.D
 Acq On : 23 Sep 2021 14:49
 Operator : SY/VA
 Sample : M3834-16MSD
 Misc : 5.83g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW411

Quant Time: Sep 24 01:42:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 24 01:36:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	343520	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	284626	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	100378	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	133376	18.979	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.920%
7) Chloroethane-d5	2.898	69	107614	20.327	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.320%
11) 1,1-Dichloroethene-d2	4.032	63	216481	19.674	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.680%
21) 2-Butanone-d5	7.080	46	36994	34.113	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.220%
24) Chloroform-d	7.653	84	235672	21.814	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.240%
26) 1,2-Dichloroethane-d4	8.311	65	119989	20.636	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.560%
32) Benzene-d6	8.281	84	442293	24.357	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.440%
36) 1,2-Dichloropropane-d6	9.275	67	128917	24.531	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.120%
41) Toluene-d8	10.329	98	382024	23.122	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.480%
43) trans-1,3-Dichloroprop...	10.579	79	47693	21.233	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.920%
47) 2-Hexanone-d5	10.927	63	28613	39.344	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.680%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	81479	20.100	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.400%
66) 1,2-Dichlorobenzene-d4	13.853	152	78275	20.797	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	85098	28.283	ug/L	94
3) Chloromethane	2.221	50	103403	24.853	ug/L	96
5) Vinyl chloride	2.373	62	151247	23.151	ug/L	96
6) Bromomethane	2.788	94	88210	20.886	ug/L	98
8) Chloroethane	2.934	64	92781	23.485	ug/L	98
9) Trichlorofluoromethane	3.270	101	100521	21.870	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.080	101	103889	20.675	ug/L	99
12) 1,1-Dichloroethene	4.050	96	102815	22.569	ug/L	89
13) Acetone	4.135	43	61723	66.455	ug/L	100
14) Carbon disulfide	4.397	76	283070	19.758	ug/L	98
15) Methyl Acetate	4.678	43	33347	18.775	ug/L	98
16) Methylene chloride	4.922	84	117771	19.429	ug/L	97
17) trans-1,2-Dichloroethene	5.434	96	107377	22.374	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	129100	22.660	ug/L	99
19) 1,1-Dichloroethane	6.226	63	211494	23.893	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	111414	22.827	ug/L	97
22) 2-Butanone	7.171	43	59669	49.519	ug/L	99
23) Bromochloromethane	7.519	128	50431	22.793	ug/L	94
25) Chloroform	7.683	83	215379	23.267	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	136243	22.365	ug/L	100
29) Cyclohexane	7.964	56	152127	24.020	ug/L	98
30) 1,1,1-Trichloroethane	7.885	97	178686	25.335	ug/L	99
31) Carbon tetrachloride	8.074	117	164207	25.589	ug/L	98
33) Benzene	8.330	78	462958	26.952	ug/L	100
34) Trichloroethene	9.098	95	111060	24.152	ug/L	98
35) Methylcyclohexane	9.342	83	143244	19.118	ug/L	99
37) 1,2-Dichloropropane	9.372	63	113904	26.772	ug/L	100
38) Bromodichloromethane	9.646	83	146979	25.510	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	148411	23.650	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	101467	47.352	ug/L	99
42) Toluene	10.390	91	486639	26.666	ug/L	95
44) trans-1,3-Dichloropropene	10.610	75	127320	22.588	ug/L	98
45) 1,1,2-Trichloroethane	10.787	97	73561	23.579	ug/L	97
46) Tetrachloroethene	10.866	164	75495	21.241	ug/L	97
48) 2-Hexanone	10.969	43	72046	48.267	ug/L	96
49) Dibromochloromethane	11.128	129	85309	23.402	ug/L	91
50) 1,2-Dibromoethane	11.238	107	64113	21.837	ug/L	94
51) Chlorobenzene	11.658	112	264891	22.317	ug/L	98
52) Ethylbenzene	11.732	91	469071	23.336	ug/L	100
53) m,p-Xylene	11.841	106	178435	23.285	ug/L	97
54) o-Xylene	12.170	106	171204	24.151	ug/L	96
55) Styrene	12.183	104	264121	21.442	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	78282	21.008	ug/L	98
59) Bromoform	12.353	173	40792	29.806	ug/L	96
60) Isopropylbenzene	12.463	105	424145	31.514	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	58727	30.984	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	316671	28.670	ug/L	99
63) 1,2,4-Trimethylbenzene	13.250	105	311557	28.714	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	142547	23.095	ug/L	99
65) 1,4-Dichlorobenzene	13.579	146	142778	22.384	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	124497	22.147	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	11390	26.770	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	62039	14.532	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	36439	11.060	ug/L	94
71) Naphthalene	15.365	128	76963	13.245	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	33497	11.291	ug/L	93

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

