

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092421\
 Data File : VW020185.D
 Acq On : 24 Sep 2021 12:22
 Operator : SY/VA
 Sample : M3834-16MSD
 Misc : 5.58g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW411MSD

Quant Time: Sep 25 00:41:05 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	316587	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	253795	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	104617	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.367	65	129183	19.946	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.800%
7) Chloroethane-d5	2.898	69	101781	20.861	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.440%
11) 1,1-Dichloroethene-d2	4.031	63	218626	21.559	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.240%
21) 2-Butanone-d5	7.086	46	33892	33.911	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.820%
24) Chloroform-d	7.653	84	224802	22.579	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.320%
26) 1,2-Dichloroethane-d4	8.311	65	110526	20.626	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.520%
32) Benzene-d6	8.281	84	417819	25.805	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.200%
36) 1,2-Dichloropropane-d6	9.274	67	120809	25.781	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.120%
41) Toluene-d8	10.329	98	345561	23.455	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.840%
43) trans-1,3-Dichloroprop...	10.579	79	43128	21.533	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.120%
47) 2-Hexanone-d5	10.927	63	26703	41.178	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.360%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	73447	20.320	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.280%
66) 1,2-Dichlorobenzene-d4	13.853	152	78919	20.118	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	85804	30.944	ug/L	93
3) Chloromethane	2.221	50	108267	28.236	ug/L	99
5) Vinyl chloride	2.373	62	156342	25.967	ug/L	96
6) Bromomethane	2.794	94	84131	21.615	ug/L	97
8) Chloroethane	2.934	64	92456	25.394	ug/L	98
9) Trichlorofluoromethane	3.269	101	104209	24.601	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.080	101	104650	22.598	ug/L	98
12) 1,1-Dichloroethene	4.050	96	107301	25.557	ug/L	89
13) Acetone	4.129	43	66164	77.297	ug/L	99
14) Carbon disulfide	4.397	76	285697	21.638	ug/L	99
15) Methyl Acetate	4.678	43	27807	16.988	ug/L	97
16) Methylene chloride	4.928	84	114758	20.543	ug/L	94
17) trans-1,2-Dichloroethene	5.434	96	110608	25.007	ug/L	97
18) Methyl tert-butyl Ether	5.434	73	131379	25.022	ug/L	100
19) 1,1-Dichloroethane	6.226	63	216635	26.555	ug/L	98
20) cis-1,2-Dichloroethene	7.177	96	113348	25.199	ug/L	95
22) 2-Butanone	7.177	43	55985	50.414	ug/L	98
23) Bromochloromethane	7.525	128	47740	23.413	ug/L	91
25) Chloroform	7.683	83	218315	25.591	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	131145	23.360	ug/L	99
29) Cyclohexane	7.964	56	145248	25.720	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	183008	29.100	ug/L	99
31) Carbon tetrachloride	8.073	117	160888	28.117	ug/L	100
33) Benzene	8.329	78	458081	29.907	ug/L	100
34) Trichloroethene	9.098	95	110735	27.007	ug/L	98
35) Methylcyclohexane	9.341	83	136816	20.479	ug/L	99
37) 1,2-Dichloropropane	9.372	63	110253	29.061	ug/L	100
38) Bromodichloromethane	9.646	83	143515	27.935	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	144122	25.756	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	94672	49.549	ug/L	99
42) Toluene	10.390	91	462964	28.450	ug/L	97
44) trans-1,3-Dichloropropene	10.610	75	123791	24.629	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	70266	25.259	ug/L	99
46) Tetrachloroethene	10.866	164	77432	24.433	ug/L	98
48) 2-Hexanone	10.969	43	65535	49.238	ug/L	99
49) Dibromochloromethane	11.128	129	79919	24.586	ug/L	96
50) 1,2-Dibromoethane	11.237	107	61621	23.538	ug/L	97
51) Chlorobenzene	11.658	112	253116	23.916	ug/L	98
52) Ethylbenzene	11.731	91	455460	25.412	ug/L	98
53) m,p-Xylene	11.841	106	171730	25.132	ug/L	100
54) o-Xylene	12.170	106	161841	25.604	ug/L	98
55) Styrene	12.182	104	259490	23.626	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	71448	21.504	ug/L	97
59) Bromoform	12.347	173	37529	26.311	ug/L	99
60) Isopropylbenzene	12.463	105	411154	29.311	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	54749	27.715	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	308896	26.832	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	312182	27.606	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	150054	23.326	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	152330	22.914	ug/L	99
67) 1,2-Dichlorobenzene	13.871	146	133353	22.761	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	10631	23.974	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	77461	17.409	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	52925	15.413	ug/L	95
71) Naphthalene	15.365	128	98939	16.337	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	44246	14.310	ug/L	99

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

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