

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092421\
 Data File : VW020200.D
 Acq On : 24 Sep 2021 18:19
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025554

Quant Time: Sep 25 00:44:06 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	312265	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	290595	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	156556	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	118201	18.503	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.000%
7) Chloroethane-d5	2.892	69	95592	19.863	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.440%
11) 1,1-Dichloroethene-d2	4.026	63	209523	20.948	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.800%
21) 2-Butanone-d5	7.080	46	52365	53.120	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.240%
24) Chloroform-d	7.653	84	224392	22.849	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	8.305	65	124151	23.489	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.960%
32) Benzene-d6	8.281	84	414908	22.380	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.520%
36) 1,2-Dichloropropane-d6	9.281	67	123664	23.048	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.200%
41) Toluene-d8	10.323	98	374105	22.177	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.720%
43) trans-1,3-Dichloroprop...	10.579	79	53658	23.398	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.600%
47) 2-Hexanone-d5	10.927	63	42306	56.977	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.960%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	106775	25.799	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	13.853	152	128403	21.873	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	74128	27.103	ug/L	97
3) Chloromethane	2.221	50	97957	25.901	ug/L	99
5) Vinyl chloride	2.367	62	146942	24.743	ug/L	98
6) Bromomethane	2.788	94	92614	24.124	ug/L	98
8) Chloroethane	2.934	64	88900	24.755	ug/L	99
9) Trichlorofluoromethane	3.270	101	105565	25.266	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.080	101	114898	25.154	ug/L	97
12) 1,1-Dichloroethene	4.050	96	102198	24.679	ug/L	86
13) Acetone	4.135	43	43413	51.420	ug/L	100
14) Carbon disulfide	4.391	76	320499	24.610	ug/L	100
15) Methyl Acetate	4.678	43	45197	27.994	ug/L	99
16) Methylene chloride	4.922	84	120362	21.844	ug/L	94
17) trans-1,2-Dichloroethene	5.428	96	110539	25.338	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	138689	26.780	ug/L	100
19) 1,1-Dichloroethane	6.220	63	205989	25.600	ug/L	98
20) cis-1,2-Dichloroethene	7.177	96	114170	25.733	ug/L	100
22) 2-Butanone	7.177	43	58434	53.348	ug/L	96
23) Bromochloromethane	7.519	128	52447	26.077	ug/L	94
25) Chloroform	7.677	83	216052	25.676	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	146781	26.507	ug/L	100
29) Cyclohexane	7.964	56	174451	26.979	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	181850	25.254	ug/L	99
31) Carbon tetrachloride	8.074	117	168218	25.675	ug/L	99
33) Benzene	8.330	78	460906	26.281	ug/L	100
34) Trichloroethene	9.092	95	119477	25.449	ug/L	97
35) Methylcyclohexane	9.342	83	207786	27.163	ug/L	99
37) 1,2-Dichloropropane	9.372	63	113002	26.014	ug/L	99
38) Bromodichloromethane	9.646	83	152443	25.915	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	171861	26.824	ug/L	97
40) 4-Methyl-2-pentanone	10.213	43	127809	58.421	ug/L	99
42) Toluene	10.390	91	499547	26.811	ug/L	94
44) trans-1,3-Dichloropropene	10.610	75	156120	27.128	ug/L	99
45) 1,1,2-Trichloroethane	10.787	97	83376	26.177	ug/L	95
46) Tetrachloroethene	10.866	164	91884	25.321	ug/L	95
48) 2-Hexanone	10.969	43	93773	61.532	ug/L	100
49) Dibromochloromethane	11.128	129	98518	26.470	ug/L	94
50) 1,2-Dibromoethane	11.238	107	79476	26.514	ug/L	99
51) Chlorobenzene	11.658	112	308934	25.493	ug/L	99
52) Ethylbenzene	11.731	91	550617	26.830	ug/L	97
53) m,p-Xylene	11.841	106	208588	26.660	ug/L	100
54) o-Xylene	12.170	106	197022	27.223	ug/L	98
55) Styrene	12.183	104	345516	27.474	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	104078	27.357	ug/L	95
59) Bromoform	12.347	173	53191	24.919	ug/L	97
60) Isopropylbenzene	12.463	105	546395	26.030	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	76914	26.018	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	453360	26.316	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	449274	26.548	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	235562	24.470	ug/L	99
65) 1,4-Dichlorobenzene	13.579	146	236113	23.733	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	210090	23.962	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	17277	26.035	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	155854	23.407	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	125167	24.358	ug/L	93
71) Naphthalene	15.365	128	250025	27.587	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	114675	24.784	ug/L	95

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

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