

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092021\
 Data File : VW020068.D
 Acq On : 20 Sep 2021 08:02
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025544

Quant Time: Sep 21 01:28:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Sep 20 01:02:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	335102	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	319085	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	165098	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	135437	24.539	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.160%
7) Chloroethane-d5	2.897	69	110011	23.157	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.640%
11) 1,1-Dichloroethene-d2	4.031	63	231538	25.665	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.640%
21) 2-Butanone-d5	7.073	46	57177	37.868	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.740%
24) Chloroform-d	7.653	84	250703	27.152	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.600%
26) 1,2-Dichloroethane-d4	8.311	65	139380	25.624	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.480%
32) Benzene-d6	8.274	84	467333	26.844	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.360%
36) 1,2-Dichloropropane-d6	9.274	67	136735	26.480	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.920%
41) Toluene-d8	10.323	98	429832	26.340	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.360%
43) trans-1,3-Dichloroprop...	10.579	79	61434	25.864	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.440%
47) 2-Hexanone-d5	10.926	63	45210	42.856	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.720%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	123940	24.397	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	13.853	152	140616	24.992	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	88150	25.370	ug/L	100
3) Chloromethane	2.215	50	107580	22.991	ug/L	98
5) Vinyl chloride	2.367	62	182640	24.950	ug/L	99
6) Bromomethane	2.788	94	112175	21.866	ug/L	95
8) Chloroethane	2.928	64	105646	23.659	ug/L	97
9) Trichlorofluoromethane	3.263	101	117645	27.548	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	132815	27.645	ug/L	97
12) 1,1-Dichloroethene	4.043	96	120973	26.601	ug/L	93
13) Acetone	4.123	43	53637	37.406	ug/L	94
14) Carbon disulfide	4.385	76	404764	27.256	ug/L	100
15) Methyl Acetate	4.671	43	50059	20.017	ug/L	99
16) Methylene chloride	4.915	84	128653	21.788	ug/L	97
17) trans-1,2-Dichloroethene	5.427	96	127253	26.559	ug/L	96
18) Methyl tert-butyl Ether	5.433	73	140703	23.515	ug/L	99
19) 1,1-Dichloroethane	6.220	63	230372	26.880	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	128987	26.073	ug/L	98
22) 2-Butanone	7.171	43	68562	38.153	ug/L	97
23) Bromochloromethane	7.512	128	59995	26.191	ug/L	98
25) Chloroform	7.677	83	241881	26.868	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	165800	26.322	ug/L	100
29) Cyclohexane	7.957	56	199766	27.808	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	202669	27.100	ug/L	100
31) Carbon tetrachloride	8.067	117	195322	27.996	ug/L	98
33) Benzene	8.329	78	520881	27.117	ug/L	100
34) Trichloroethene	9.091	95	135367	26.616	ug/L	94
35) Methylcyclohexane	9.335	83	237474	27.690	ug/L	98
37) 1,2-Dichloropropane	9.372	63	127483	27.417	ug/L	99
38) Bromodichloromethane	9.646	83	170187	27.133	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	189507	27.001	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	142433	42.943	ug/L	99
42) Toluene	10.390	91	573679	27.996	ug/L	97
44) trans-1,3-Dichloropropene	10.609	75	175966	26.479	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	94901	25.518	ug/L	97
46) Tetrachloroethene	10.865	164	106511	27.066	ug/L	95
48) 2-Hexanone	10.969	43	105959	44.566	ug/L	99
49) Dibromochloromethane	11.128	129	108948	25.494	ug/L	92
50) 1,2-Dibromoethane	11.237	107	89852	24.565	ug/L	100
51) Chlorobenzene	11.658	112	351287	26.442	ug/L	98
52) Ethylbenzene	11.731	91	627610	28.043	ug/L	96
53) m,p-Xylene	11.841	106	240680	28.266	ug/L	99
54) o-Xylene	12.164	106	222083	27.637	ug/L	93
55) Styrene	12.182	104	392994	28.444	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	117691	24.147	ug/L	99
59) Bromoform	12.347	173	60181	24.086	ug/L	97
60) Isopropylbenzene	12.463	105	609571	27.837	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	86844	22.495	ug/L	97
62) 1,3,5-Trimethylbenzene	12.944	105	507693	28.499	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	506630	28.963	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	263345	26.153	ug/L	89
65) 1,4-Dichlorobenzene	13.578	146	265195	25.841	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	247890	27.013	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	19690	21.140	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	177300	25.456	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	137342	25.182	ug/L	98
71) Naphthalene	15.365	128	268446	23.033	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	126384	24.687	ug/L	99

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

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