

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091421\
 Data File : VW020019.D
 Acq On : 14 Sep 2021 18:44
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV451

Quant Time: Sep 15 03:23:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 15 03:16:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.847	114	277873	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.633	117	267151	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	141166	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	134933	29.482	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 117.920%	
7) Chloroethane-d5	2.897	69	109694	27.846	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 111.400%	
11) 1,1-Dichloroethene-d2	4.031	63	198639	26.553	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 106.200%	
21) 2-Butanone-d5	7.079	46	75147	60.020	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 120.040%	
24) Chloroform-d	7.652	84	198737	25.957	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 103.840%	
26) 1,2-Dichloroethane-d4	8.311	65	118558	26.285	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 105.160%	
32) Benzene-d6	8.280	84	391660	26.871	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 107.480%	
36) 1,2-Dichloropropane-d6	9.280	67	111162	25.712	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 102.840%	
41) Toluene-d8	10.323	98	364381	26.670	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 106.680%	
43) trans-1,3-Dichloroprop...	10.579	79	54087	27.197	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 108.800%	
47) 2-Hexanone-d5	10.926	63	55931	63.326	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 126.660%	
56) 1,1,2,2-Tetrachloroeth...	12.694	84	117240	27.565	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 110.240%	
66) 1,2-Dichlorobenzene-d4	13.853	152	124700	25.921	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 103.680%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	74428	25.832	ug/L	94
3) Chloromethane	2.220	50	90805	23.403	ug/L	100
5) Vinyl chloride	2.373	62	156268	25.744	ug/L	99
6) Bromomethane	2.787	94	102916	24.192	ug/L	95
8) Chloroethane	2.934	64	95640	25.830	ug/L	97
9) Trichlorofluoromethane	3.269	101	85476	24.138	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	105464	26.473	ug/L	97
12) 1,1-Dichloroethene	4.049	96	96761	25.659	ug/L	86
13) Acetone	4.123	43	59887	50.366	ug/L	94
14) Carbon disulfide	4.397	76	319519	25.947	ug/L	100
15) Methyl Acetate	4.677	43	60000	28.933	ug/L	98
16) Methylene chloride	4.921	84	108187	22.096	ug/L	98
17) trans-1,2-Dichloroethene	5.433	96	102959	25.915	ug/L	98
18) Methyl tert-butyl Ether	5.433	73	129955	26.192	ug/L	99
19) 1,1-Dichloroethane	6.226	63	178392	25.102	ug/L	99
20) cis-1,2-Dichloroethene	7.177	96	104514	25.477	ug/L	94
22) 2-Butanone	7.171	43	84206	56.509	ug/L	96
23) Bromochloromethane	7.518	128	48725	25.651	ug/L	95
25) Chloroform	7.683	83	187401	25.104	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	137045	26.238	ug/L	98
29) Cyclohexane	7.963	56	164258	27.310	ug/L	98
30) 1,1,1-Trichloroethane	7.878	97	160323	25.605	ug/L	99
31) Carbon tetrachloride	8.073	117	149680	25.625	ug/L	98
33) Benzene	8.329	78	417562	25.965	ug/L	100
34) Trichloroethene	9.097	95	105954	24.883	ug/L	91
35) Methylcyclohexane	9.341	83	192916	26.867	ug/L	98
37) 1,2-Dichloropropane	9.372	63	100185	25.735	ug/L	99
38) Bromodichloromethane	9.646	83	132455	25.223	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	152840	26.010	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	163930	59.032	ug/L	99
42) Toluene	10.390	91	452886	26.398	ug/L	98
44) trans-1,3-Dichloropropene	10.609	75	146158	26.269	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	80116	25.730	ug/L	99
46) Tetrachloroethene	10.865	164	84299	25.586	ug/L	97
48) 2-Hexanone	10.969	43	123554	62.069	ug/L	97
49) Dibromochloromethane	11.134	129	91282	25.512	ug/L	94
50) 1,2-Dibromoethane	11.237	107	81021	26.457	ug/L	98
51) Chlorobenzene	11.658	112	278638	25.051	ug/L	98
52) Ethylbenzene	11.731	91	489866	26.143	ug/L	97
53) m,p-Xylene	11.841	106	192195	26.959	ug/L	99
54) o-Xylene	12.170	106	175016	26.014	ug/L	98
55) Styrene	12.182	104	312429	27.008	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.712	83	113151	27.729	ug/L	99
59) Bromoform	12.353	173	55106	25.794	ug/L	97
60) Isopropylbenzene	12.463	105	492069	26.280	ug/L	100
61) 1,2,3-Trichloropropane	12.767	75	87762	26.586	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	412829	27.102	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	402675	26.923	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	211626	24.579	ug/L	96
65) 1,4-Dichlorobenzene	13.578	146	216868	24.714	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	191583	24.416	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.487	75	22156	27.820	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	146881	24.664	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	118344	25.377	ug/L	99
71) Naphthalene	15.364	128	287388	28.839	ug/L	99
72) 1,2,3-Trichlorobenzene	15.553	180	112652	25.736	ug/L	97

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

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