

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083021\
 Data File : VW019930.D
 Acq On : 30 Aug 2021 09:51
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025529

Quant Time: Aug 31 00:54:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 28 00:41:11 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.847	114	362358	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	340222	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	166842	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.367	65	119902	21.356	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.440%
7) Chloroethane-d5	2.897	69	115640	23.466	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.880%
11) 1,1-Dichloroethene-d2	4.025	63	219352	22.516	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.080%
21) 2-Butanone-d5	7.086	46	59817	52.453	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.900%
24) Chloroform-d	7.653	84	241769	24.261	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.040%
26) 1,2-Dichloroethane-d4	8.311	65	129210	24.060	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.240%
32) Benzene-d6	8.274	84	464669	23.954	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	9.274	67	140209	23.868	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.480%
41) Toluene-d8	10.323	98	420487	23.653	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	10.579	79	61803	25.466	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.880%
47) 2-Hexanone-d5	10.926	63	44114	53.905	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.820%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	124648	26.070	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.280%
66) 1,2-Dichlorobenzene-d4	13.853	152	145054	25.346	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.019	85	84741	23.863	ug/L	95
3) Chloromethane	2.227	50	95309	21.567	ug/L	99
5) Vinyl chloride	2.373	62	168056	25.642	ug/L	95
6) Bromomethane	2.794	94	124496	25.598	ug/L	98
8) Chloroethane	2.934	64	110478	25.714	ug/L	99
9) Trichlorofluoromethane	3.269	101	103840	24.633	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.080	101	130657	26.112	ug/L	97
12) 1,1-Dichloroethene	4.050	96	125780	25.634	ug/L	92
13) Acetone	4.141	43	51840	53.250	ug/L	86
14) Carbon disulfide	4.391	76	377561	24.057	ug/L	100
15) Methyl Acetate	4.677	43	50128	24.737	ug/L	100
16) Methylene chloride	4.927	84	135530	21.792	ug/L	94
17) trans-1,2-Dichloroethene	5.433	96	132040	25.616	ug/L	93
18) Methyl tert-butyl Ether	5.433	73	167066	28.156	ug/L	97
19) 1,1-Dichloroethane	6.226	63	232465	25.442	ug/L	96
20) cis-1,2-Dichloroethene	7.177	96	141789	27.176	ug/L	99
22) 2-Butanone	7.177	43	71276	56.500	ug/L	98
23) Bromochloromethane	7.518	128	63110	27.028	ug/L	92
25) Chloroform	7.677	83	242155	25.617	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	158461	25.697	ug/L	96
29) Cyclohexane	7.963	56	207091	25.920	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	200642	26.387	ug/L	98
31) Carbon tetrachloride	8.073	117	185681	26.196	ug/L	100
33) Benzene	8.329	78	544599	26.081	ug/L	100
34) Trichloroethene	9.097	95	138894	25.587	ug/L	92
35) Methylcyclohexane	9.341	83	238653	25.632	ug/L	100
37) 1,2-Dichloropropane	9.372	63	134888	26.083	ug/L	99
38) Bromodichloromethane	9.646	83	170793	25.494	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	207221	27.211	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	153705	55.895	ug/L	97
42) Toluene	10.390	91	584873	26.442	ug/L	98
44) trans-1,3-Dichloropropene	10.609	75	184950	27.591	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	100403	26.817	ug/L	99
46) Tetrachloroethene	10.865	164	106005	25.780	ug/L	95
48) 2-Hexanone	10.969	43	110884	57.926	ug/L	97
49) Dibromochloromethane	11.134	129	114302	26.689	ug/L	95
50) 1,2-Dibromoethane	11.237	107	94104	26.761	ug/L	95
51) Chlorobenzene	11.658	112	367085	26.130	ug/L	96
52) Ethylbenzene	11.731	91	637338	26.763	ug/L	98
53) m,p-Xylene	11.841	106	245715	26.869	ug/L	97
54) o-Xylene	12.164	106	233534	26.996	ug/L	97
55) Styrene	12.182	104	397480	26.891	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	120616	26.271	ug/L	97
59) Bromoform	12.353	173	60109	27.135	ug/L	96
60) Isopropylbenzene	12.463	105	622235	27.525	ug/L	100
61) 1,2,3-Trichloropropane	12.767	75	87434	26.729	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	505077	27.992	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	521594	28.519	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	269653	26.754	ug/L	98
65) 1,4-Dichlorobenzene	13.578	146	276387	26.679	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	245240	26.795	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	18830	26.406	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	198248	28.547	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	150332	28.172	ug/L	95
71) Naphthalene	15.365	128	320959	30.157	ug/L	99
72) 1,2,3-Trichlorobenzene	15.547	180	138290	27.986	ug/L	99

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

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