

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063021\
 Data File : VW019374.D
 Acq On : 30 Jun 2021 14:46
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025130

Quant Time: Jul 01 01:17:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 01 01:07:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	542670	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	499722	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	247470	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	156188	21.922	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	87.680%		
7) Chloroethane-d5	2.898	69	128682	23.233	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	92.920%		
11) 1,1-Dichloroethene-d2	4.032	63	320449	22.010	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	88.040%		
21) 2-Butanone-d5	7.086	46	89069	50.335	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	100.660%		
24) Chloroform-d	7.647	84	348094	23.221	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	92.880%		
26) 1,2-Dichloroethane-d4	8.305	65	181448	23.570	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	94.280%		
32) Benzene-d6	8.275	84	700664	22.878	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	91.520%		
36) 1,2-Dichloropropane-d6	9.275	67	217112	23.258	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	93.040%		
41) Toluene-d8	10.323	98	629788	22.704	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	90.800%		
43) trans-1,3-Dichloroprop...	10.579	79	85958	23.386	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	93.560%		
47) 2-Hexanone-d5	10.927	63	74071	50.771	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	101.540%		
56) 1,1,2,2-Tetrachloroeth...	12.689	84	164100	23.829	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	95.320%		
66) 1,2-Dichlorobenzene-d4	13.853	152	209291	23.119	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	92.480%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.014	85	136652	21.132	ug/L	98
3) Chloromethane	2.221	50	139618	20.951	ug/L	99
5) Vinyl chloride	2.367	62	193362	20.948	ug/L	98
6) Bromomethane	2.788	94	107425	20.903	ug/L	98
8) Chloroethane	2.928	64	110045	21.740	ug/L	97
9) Trichlorofluoromethane	3.263	101	94584	18.590	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	149696	20.781	ug/L	96
12) 1,1-Dichloroethene	4.050	96	153277	21.106	ug/L	94
13) Acetone	4.135	43	49939	45.244	ug/L	84
14) Carbon disulfide	4.391	76	483194	21.037	ug/L	99
15) Methyl Acetate	4.678	43	68964	22.759	ug/L	100
16) Methylene chloride	4.928	84	180749	19.054	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	167649	21.299	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	215887	22.607	ug/L	95
19) 1,1-Dichloroethane	6.220	63	311288	22.001	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	181507	21.941	ug/L	94
22) 2-Butanone	7.177	43	85825	45.591	ug/L	98
23) Bromochloromethane	7.519	128	79048	21.984	ug/L	95
25) Chloroform	7.677	83	307415	21.901	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	196612	22.270	ug/L	96
29) Cyclohexane	7.958	56	276576	20.773	ug/L	94
30) 1,1,1-Trichloroethane	7.872	97	224282	21.127	ug/L	99
31) Carbon tetrachloride	8.074	117	206817	20.691	ug/L	99
33) Benzene	8.324	78	713697	21.895	ug/L	100
34) Trichloroethene	9.092	95	176709	21.301	ug/L	91
35) Methylcyclohexane	9.336	83	301495	20.603	ug/L	96
37) 1,2-Dichloropropane	9.372	63	178319	22.349	ug/L	99
38) Bromodichloromethane	9.646	83	219832	22.400	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	265625	22.323	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	198098	47.361	ug/L	96
42) Toluene	10.390	91	744897	22.032	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	226728	22.318	ug/L	97
45) 1,1,2-Trichloroethane	10.787	97	125545	22.206	ug/L	94
46) Tetrachloroethene	10.866	164	130429	20.352	ug/L	96
48) 2-Hexanone	10.969	43	134325	46.864	ug/L	95
49) Dibromochloromethane	11.128	129	136284	21.740	ug/L	93
50) 1,2-Dibromoethane	11.238	107	118182	22.086	ug/L	96
51) Chlorobenzene	11.658	112	463062	21.774	ug/L	98
52) Ethylbenzene	11.731	91	800876	21.669	ug/L	97
53) m,p-Xylene	11.841	106	304645	21.775	ug/L	97
54) o-Xylene	12.164	106	291875	21.867	ug/L	98
55) Styrene	12.183	104	503220	22.291	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	149979	22.472	ug/L	98
59) Bromoform	12.347	173	75139	22.209	ug/L	100
60) Isopropylbenzene	12.463	105	771678	21.869	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	109365	22.216	ug/L	96
62) 1,3,5-Trimethylbenzene	12.945	105	637253	21.671	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	658137	22.507	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	338436	21.525	ug/L	90
65) 1,4-Dichlorobenzene	13.579	146	327534	20.965	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	305250	21.958	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	23267	22.386	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	230749	20.274	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	192469	20.536	ug/L	96
71) Naphthalene	15.365	128	402778	22.562	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	180259	22.230	ug/L	96

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

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