

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070121\
 Data File : VW019380.D
 Acq On : 01 Jul 2021 14:58
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025102

Quant Time: Jul 02 01:06:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 02 01:04:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	475398	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	441925	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	218496	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	155055	24.842	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.360%
7) Chloroethane-d5	2.898	69	128010	26.383	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.520%
11) 1,1-Dichloroethene-d2	4.038	63	326311	25.585	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.320%
21) 2-Butanone-d5	7.080	46	81154	52.352	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.700%
24) Chloroform-d	7.653	84	348837	26.563	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.240%
26) 1,2-Dichloroethane-d4	8.311	65	173482	25.724	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.880%
32) Benzene-d6	8.275	84	697426	25.750	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.000%
36) 1,2-Dichloropropane-d6	9.281	67	213058	25.809	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.240%
41) Toluene-d8	10.323	98	625514	25.499	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.000%
43) trans-1,3-Dichloroprop...	10.579	79	79763	24.538	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.160%
47) 2-Hexanone-d5	10.927	63	64557	50.037	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.080%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	151342	24.851	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	13.853	152	200533	25.089	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.360%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	2.014	85	159991	28.242	ug/L	99
3) Chloromethane	2.221	50	153407	26.278	ug/L	99
5) Vinyl chloride	2.373	62	219173	27.105	ug/L	97
6) Bromomethane	2.788	94	122673	27.247	ug/L	94
8) Chloroethane	2.934	64	122609	27.649	ug/L	97
9) Trichlorofluoromethane	3.269	101	112669	25.278	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	167391	26.525	ug/L	94
12) 1,1-Dichloroethene	4.050	96	170817	26.850	ug/L	85
13) Acetone	4.123	43	57999	59.982	ug/L	92
14) Carbon disulfide	4.397	76	535678	26.622	ug/L	100
15) Methyl Acetate	4.672	43	67413	25.395	ug/L	98
16) Methylene chloride	4.928	84	190096	22.875	ug/L	98
17) trans-1,2-Dichloroethene	5.434	96	183752	26.648	ug/L	98
18) Methyl tert-butyl Ether	5.434	73	215604	25.772	ug/L	95
19) 1,1-Dichloroethane	6.220	63	340952	27.507	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	197913	27.310	ug/L	93
22) 2-Butanone	7.177	43	87673	53.163	ug/L	99
23) Bromochloromethane	7.519	128	82531	26.201	ug/L	94
25) Chloroform	7.677	83	336212	27.342	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	205346	26.550	ug/L	96
29) Cyclohexane	7.958	56	310757	26.393	ug/L	93
30) 1,1,1-Trichloroethane	7.878	97	250563	26.689	ug/L	98
31) Carbon tetrachloride	8.073	117	233013	26.361	ug/L	98
33) Benzene	8.330	78	775831	26.914	ug/L	100
34) Trichloroethene	9.092	95	194763	26.547	ug/L	95
35) Methylcyclohexane	9.335	83	334478	25.847	ug/L	95
37) 1,2-Dichloropropane	9.372	63	190721	27.030	ug/L	98
38) Bromodichloromethane	9.646	83	230929	26.608	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	280030	26.612	ug/L	97
40) 4-Methyl-2-pentanone	10.213	43	192316	51.992	ug/L	96
42) Toluene	10.390	91	813941	27.223	ug/L	98
44) trans-1,3-Dichloropropene	10.610	75	235650	26.230	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	127533	25.507	ug/L	96
46) Tetrachloroethene	10.866	164	145627	25.696	ug/L	96
48) 2-Hexanone	10.969	43	129076	50.922	ug/L	98
49) Dibromochloromethane	11.128	129	142534	25.710	ug/L	94
50) 1,2-Dibromoethane	11.238	107	118017	24.939	ug/L	98
51) Chlorobenzene	11.658	112	495672	26.356	ug/L	98
52) Ethylbenzene	11.731	91	881741	26.977	ug/L	96
53) m,p-Xylene	11.841	106	333547	26.959	ug/L	93
54) o-Xylene	12.164	106	319735	27.087	ug/L	100
55) Styrene	12.183	104	550451	27.572	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	146179	24.767	ug/L	99
59) Bromoform	12.353	173	74185	24.834	ug/L	97
60) Isopropylbenzene	12.463	105	843559	27.076	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	108969	25.071	ug/L	96
62) 1,3,5-Trimethylbenzene	12.945	105	730584	28.139	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	708674	27.449	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	375553	27.053	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	369352	26.777	ug/L	95
67) 1,2-Dichlorobenzene	13.871	146	330851	26.955	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	22263	24.260	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	265950	26.465	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	207750	25.106	ug/L	98
71) Naphthalene	15.365	128	401478	25.471	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	191303	26.720	ug/L	97

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

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