

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061621\
 Data File : VW019233.D
 Acq On : 16 Jun 2021 16:04
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025118

Quant Time: Jun 17 01:27:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 17 01:25:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	511667	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	471321	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	242016	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	135949	20.093	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.360%
7) Chloroethane-d5	2.897	69	127551	22.134	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.520%
11) 1,1-Dichloroethene-d2	4.031	63	307959	22.909	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.640%
21) 2-Butanone-d5	7.086	46	81153	45.790	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.580%
24) Chloroform-d	7.653	84	348778	25.354	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.400%
26) 1,2-Dichloroethane-d4	8.311	65	180645	23.411	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.640%
32) Benzene-d6	8.274	84	652572	24.302	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.200%
36) 1,2-Dichloropropane-d6	9.274	67	205193	25.206	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.840%
41) Toluene-d8	10.323	98	582299	23.612	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.440%
43) trans-1,3-Dichloroprop...	10.579	79	80600	22.860	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.440%
47) 2-Hexanone-d5	10.926	63	66851	48.426	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.860%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	167427	24.932	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.720%
66) 1,2-Dichlorobenzene-d4	13.853	152	198816	23.536	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	146296	22.070	ug/L	95
3) Chloromethane	2.215	50	141889	23.152	ug/L	100
5) Vinyl chloride	2.367	62	233552	24.964	ug/L	99
6) Bromomethane	2.788	94	154955	22.275	ug/L	98
8) Chloroethane	2.934	64	138186	24.845	ug/L	96
9) Trichlorofluoromethane	3.269	101	137226	26.725	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	184435	25.113	ug/L	98
12) 1,1-Dichloroethene	4.050	96	183603	25.306	ug/L	95
13) Acetone	4.147	43	74262	47.287	ug/L	90
14) Carbon disulfide	4.391	76	545392	23.782	ug/L	99
15) Methyl Acetate	4.678	43	67041	21.224	ug/L	99
16) Methylene chloride	4.921	84	226223	23.828	ug/L	96
17) trans-1,2-Dichloroethene	5.434	96	194706	24.908	ug/L	95
18) Methyl tert-butyl Ether	5.434	73	230834	22.844	ug/L	98
19) 1,1-Dichloroethane	6.220	63	353002	25.442	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	199977	24.571	ug/L	99
22) 2-Butanone	7.183	43	97527	46.445	ug/L	98
23) Bromochloromethane	7.519	128	85425	23.859	ug/L	97
25) Chloroform	7.677	83	354496	25.051	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	226072	23.592	ug/L	98
29) Cyclohexane	7.957	56	316234	25.785	ug/L	96
30) 1,1,1-Trichloroethane	7.878	97	280259	25.842	ug/L	99
31) Carbon tetrachloride	8.073	117	255099	25.475	ug/L	99
33) Benzene	8.329	78	788437	25.432	ug/L	100
34) Trichloroethene	9.091	95	202856	25.101	ug/L	92
35) Methylcyclohexane	9.335	83	359691	25.865	ug/L	98
37) 1,2-Dichloropropane	9.372	63	192668	25.300	ug/L	98
38) Bromodichloromethane	9.646	83	246478	24.953	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	289440	24.530	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	194864	42.967	ug/L	97
42) Toluene	10.390	91	860413	25.797	ug/L	99
44) trans-1,3-Dichloropropene	10.609	75	252206	24.215	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	136255	23.764	ug/L	95
46) Tetrachloroethene	10.865	164	151976	24.602	ug/L	94
48) 2-Hexanone	10.969	43	140324	46.026	ug/L	93
49) Dibromochloromethane	11.128	129	150730	23.718	ug/L	92
50) 1,2-Dibromoethane	11.237	107	126386	22.752	ug/L	100
51) Chlorobenzene	11.658	112	500181	24.295	ug/L	97
52) Ethylbenzene	11.731	91	945598	25.772	ug/L	95
53) m,p-Xylene	11.841	106	346896	25.638	ug/L	91
54) o-Xylene	12.164	106	333293	25.859	ug/L	97
55) Styrene	12.182	104	569358	25.687	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	160459	22.708	ug/L	99
59) Bromoform	12.347	173	80552	21.605	ug/L	98
60) Isopropylbenzene	12.463	105	917659	25.326	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	117811	21.759	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	753444	25.318	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	745809	25.106	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	389809	24.651	ug/L	98
65) 1,4-Dichlorobenzene	13.578	146	385127	23.818	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	343321	24.123	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	24301	20.503	ug/L	99
69) 1,3,5-Trichlorobenzene	14.627	180	271462	23.759	ug/L	94
70) 1,2,4-trichlorobenzene	15.133	180	215089	22.938	ug/L	92
71) Naphthalene	15.365	128	415450	22.221	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	194318	23.389	ug/L	97

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

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