

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062421\
 Data File : VW019318.D
 Acq On : 24 Jun 2021 19:19
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025124

Quant Time: Jun 25 01:20:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 25 01:15:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	454429	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	419392	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	218634	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	111689	18.587	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.360%
7) Chloroethane-d5	2.892	69	112204	21.924	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.680%
11) 1,1-Dichloroethene-d2	4.032	63	270671	22.671	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.680%
21) 2-Butanone-d5	7.086	46	95357	60.581	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.160%
24) Chloroform-d	7.653	84	319319	26.136	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.560%
26) 1,2-Dichloroethane-d4	8.311	65	174767	25.502	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	8.275	84	583133	24.405	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	9.275	67	188069	25.963	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.840%
41) Toluene-d8	10.323	98	525400	23.942	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.760%
43) trans-1,3-Dichloroprop...	10.579	79	75597	24.096	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.400%
47) 2-Hexanone-d5	10.927	63	77965	63.470	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.940%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	177694	29.737	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.960%
66) 1,2-Dichlorobenzene-d4	13.853	152	189664	24.854	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	143638	24.398	ug/L	100
3) Chloromethane	2.215	50	135844	24.957	ug/L	99
5) Vinyl chloride	2.367	62	216420	26.047	ug/L	97
6) Bromomethane	2.788	94	151170	24.468	ug/L	94
8) Chloroethane	2.934	64	132578	26.839	ug/L	98
9) Trichlorofluoromethane	3.270	101	121561	26.656	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	173998	26.676	ug/L	98
12) 1,1-Dichloroethene	4.050	96	171427	26.604	ug/L	94
13) Acetone	4.135	43	62296	44.664	ug/L	89
14) Carbon disulfide	4.391	76	491899	24.151	ug/L	100
15) Methyl Acetate	4.678	43	76184	27.156	ug/L	99
16) Methylene chloride	4.928	84	195527	23.188	ug/L	95
17) trans-1,2-Dichloroethene	5.434	96	181888	26.199	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	239038	26.635	ug/L	98
19) 1,1-Dichloroethane	6.220	63	338100	27.437	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	194557	26.916	ug/L	95
22) 2-Butanone	7.177	43	101593	54.476	ug/L	100
23) Bromochloromethane	7.519	128	82605	25.977	ug/L	98
25) Chloroform	7.677	83	346999	27.610	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	227449	26.725	ug/L	99
29) Cyclohexane	7.958	56	287308	26.327	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	265228	27.484	ug/L	100
31) Carbon tetrachloride	8.074	117	246309	27.643	ug/L	99
33) Benzene	8.324	78	753410	27.311	ug/L	100
34) Trichloroethene	9.092	95	191146	26.581	ug/L	94
35) Methylcyclohexane	9.336	83	322647	26.073	ug/L	97
37) 1,2-Dichloropropane	9.372	63	188721	27.850	ug/L	99
38) Bromodichloromethane	9.646	83	243520	27.706	ug/L	93
39) cis-1,3-Dichloropropene	10.073	75	287167	27.350	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	224779	55.700	ug/L	96
42) Toluene	10.390	91	816902	27.525	ug/L	99
44) trans-1,3-Dichloropropene	10.610	75	250890	27.071	ug/L	96
45) 1,1,2-Trichloroethane	10.787	97	138334	27.114	ug/L	95
46) Tetrachloroethene	10.866	164	139493	25.377	ug/L	98
48) 2-Hexanone	10.969	43	155166	57.196	ug/L	96
49) Dibromochloromethane	11.128	129	151354	26.765	ug/L	92
50) 1,2-Dibromoethane	11.238	107	129929	26.286	ug/L	99
51) Chlorobenzene	11.658	112	490076	26.752	ug/L	97
52) Ethylbenzene	11.731	91	904815	27.714	ug/L	95
53) m,p-Xylene	11.841	106	322283	26.768	ug/L	94
54) o-Xylene	12.164	106	312556	27.253	ug/L	85
55) Styrene	12.183	104	553838	28.080	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	173674	27.622	ug/L	99
59) Bromoform	12.347	173	82431	24.473	ug/L	96
60) Isopropylbenzene	12.463	105	866675	26.477	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	129152	26.404	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	706889	26.294	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	717200	26.725	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	369594	25.872	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	361948	24.778	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	336509	26.173	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	26154	24.426	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	249994	24.220	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	203253	23.994	ug/L	99
71) Naphthalene	15.365	128	425540	25.195	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	179280	23.886	ug/L	98

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

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