

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061121\
 Data File : VW019202.D
 Acq On : 11 Jun 2021 17:05
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025112

Quant Time: Jun 12 00:24:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jun 12 00:22:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	488546	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	447638	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	234472	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	141119	21.844	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.360%
7) Chloroethane-d5	2.897	69	129815	23.593	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.360%
11) 1,1-Dichloroethene-d2	4.031	63	314527	24.505	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.000%
21) 2-Butanone-d5	7.086	46	89552	52.920	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.840%
24) Chloroform-d	7.653	84	336289	25.603	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.400%
26) 1,2-Dichloroethane-d4	8.305	65	181034	24.572	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.280%
32) Benzene-d6	8.281	84	637758	25.006	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.040%
36) 1,2-Dichloropropane-d6	9.274	67	195678	25.308	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.240%
41) Toluene-d8	10.329	98	578093	24.681	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.720%
43) trans-1,3-Dichloroprop...	10.579	79	81679	24.392	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.560%
47) 2-Hexanone-d5	10.926	63	72534	55.323	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.640%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	172587	27.060	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.240%
66) 1,2-Dichlorobenzene-d4	13.853	152	203725	24.893	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	179323	28.332	ug/L	100
3) Chloromethane	2.221	50	154117	26.337	ug/L	100
5) Vinyl chloride	2.367	62	251382	28.142	ug/L	97
6) Bromomethane	2.788	94	169655	25.542	ug/L	99
8) Chloroethane	2.934	64	150421	28.325	ug/L	97
9) Trichlorofluoromethane	3.269	101	146968	29.977	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	196898	28.078	ug/L	97
12) 1,1-Dichloroethene	4.050	96	196419	28.353	ug/L	95
13) Acetone	4.141	43	91602	61.088	ug/L	91
14) Carbon disulfide	4.391	76	591246	27.002	ug/L	99
15) Methyl Acetate	4.684	43	76871	25.487	ug/L	97
16) Methylene chloride	4.928	84	222349	24.528	ug/L	95
17) trans-1,2-Dichloroethene	5.434	96	203885	27.317	ug/L	99
18) Methyl tert-butyl Ether	5.434	73	255915	26.524	ug/L	97
19) 1,1-Dichloroethane	6.226	63	372286	28.102	ug/L	99
20) cis-1,2-Dichloroethene	7.177	96	213107	27.423	ug/L	95
22) 2-Butanone	7.177	43	119089	59.398	ug/L	100
23) Bromochloromethane	7.519	128	89817	26.273	ug/L	96
25) Chloroform	7.677	83	375533	27.794	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	246710	26.964	ug/L	98
29) Cyclohexane	7.964	56	339093	29.111	ug/L	96
30) 1,1,1-Trichloroethane	7.878	97	291995	28.349	ug/L	99
31) Carbon tetrachloride	8.073	117	266972	28.071	ug/L	99
33) Benzene	8.329	78	826236	28.061	ug/L	100
34) Trichloroethene	9.091	95	215544	28.082	ug/L	95
35) Methylcyclohexane	9.335	83	384130	29.083	ug/L	98
37) 1,2-Dichloropropane	9.372	63	204430	28.265	ug/L	98
38) Bromodichloromethane	9.646	83	266068	28.361	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	311442	27.791	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	231418	53.726	ug/L	95
42) Toluene	10.390	91	899532	28.397	ug/L	96
44) trans-1,3-Dichloropropene	10.609	75	275845	27.885	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	148469	27.264	ug/L	95
46) Tetrachloroethene	10.866	164	153698	26.197	ug/L	99
48) 2-Hexanone	10.969	43	174483	60.258	ug/L	95
49) Dibromochloromethane	11.128	129	165780	27.467	ug/L	97
50) 1,2-Dibromoethane	11.237	107	140308	26.594	ug/L	95
51) Chlorobenzene	11.658	112	537825	27.506	ug/L	97
52) Ethylbenzene	11.731	91	1001571	28.742	ug/L	98
53) m,p-Xylene	11.841	106	369161	28.727	ug/L	91
54) o-Xylene	12.164	106	348404	28.461	ug/L	96
55) Styrene	12.182	104	609489	28.952	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	186533	27.795	ug/L	99
59) Bromoform	12.353	173	90532	25.063	ug/L	98
60) Isopropylbenzene	12.463	105	962520	27.419	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	135539	25.838	ug/L	96
62) 1,3,5-Trimethylbenzene	12.944	105	811662	28.152	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	803179	27.907	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	413467	26.988	ug/L	94
65) 1,4-Dichlorobenzene	13.578	146	415862	26.546	ug/L	93
67) 1,2-Dichlorobenzene	13.871	146	369601	26.805	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	29691	25.857	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	295975	26.738	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	236063	25.985	ug/L	99
71) Naphthalene	15.365	128	486043	26.834	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	210272	26.123	ug/L	97

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

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