

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060821\
 Data File : VW019150.D
 Acq On : 08 Jun 2021 09:48
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025128

Quant Time: Jun 09 01:01:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jun 08 01:22:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	614891	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	559128	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	278161	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	208233	25.610	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.440%
7) Chloroethane-d5	2.897	69	176047	25.421	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.680%
11) 1,1-Dichloroethene-d2	4.031	63	424062	26.250	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	105.000%
21) 2-Butanone-d5	7.080	46	93647	43.969	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.940%
24) Chloroform-d	7.653	84	430464	26.039	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.160%
26) 1,2-Dichloroethane-d4	8.305	65	219612	23.683	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.720%
32) Benzene-d6	8.275	84	833335	26.160	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.640%
36) 1,2-Dichloropropane-d6	9.274	67	248499	25.731	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.920%
41) Toluene-d8	10.323	98	771214	26.361	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.440%
43) trans-1,3-Dichloroprop...	10.579	79	104693	25.031	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.120%
47) 2-Hexanone-d5	10.927	63	79401	48.485	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.960%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	187117	23.488	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.960%
66) 1,2-Dichlorobenzene-d4	13.853	152	243092	25.038	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.160%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	2.020	85	225906	28.358	ug/L	99
3) Chloromethane	2.221	50	180456	24.501	ug/L	97
5) Vinyl chloride	2.373	62	305989	27.216	ug/L	99
6) Bromomethane	2.794	94	206481	24.699	ug/L	96
8) Chloroethane	2.934	64	176909	26.468	ug/L	100
9) Trichlorofluoromethane	3.269	101	158056	25.615	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.080	101	235380	26.669	ug/L	97
12) 1,1-Dichloroethene	4.050	96	237248	27.210	ug/L	95
13) Acetone	4.141	43	86285	45.719	ug/L	88
14) Carbon disulfide	4.397	76	733464	26.614	ug/L	100
15) Methyl Acetate	4.678	43	80255	21.142	ug/L	98
16) Methylene chloride	4.922	84	244757	21.452	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	244272	26.003	ug/L	95
18) Methyl tert-butyl Ether	5.434	73	291925	24.040	ug/L	98
19) 1,1-Dichloroethane	6.220	63	430961	25.847	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	254449	26.015	ug/L	99
22) 2-Butanone	7.177	43	113992	45.173	ug/L	97
23) Bromochloromethane	7.519	128	104632	24.317	ug/L	95
25) Chloroform	7.677	83	434814	25.569	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	274641	23.849	ug/L	99
29) Cyclohexane	7.958	56	397441	27.317	ug/L	98
30) 1,1,1-Trichloroethane	7.878	97	345346	26.843	ug/L	99
31) Carbon tetrachloride	8.073	117	319531	26.898	ug/L	100
33) Benzene	8.323	78	961312	26.139	ug/L	100
34) Trichloroethene	9.091	95	252468	26.334	ug/L	95
35) Methylcyclohexane	9.335	83	451315	27.356	ug/L	98
37) 1,2-Dichloropropane	9.372	63	231447	25.619	ug/L	98
38) Bromodichloromethane	9.646	83	303764	25.923	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	360697	25.768	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	238099	44.255	ug/L	95
42) Toluene	10.390	91	1052586	26.603	ug/L	99
44) trans-1,3-Dichloropropene	10.610	75	312480	25.290	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	163483	24.035	ug/L	96
46) Tetrachloroethene	10.866	164	197062	26.891	ug/L	98
48) 2-Hexanone	10.969	43	173239	47.899	ug/L	95
49) Dibromochloromethane	11.128	129	188235	24.968	ug/L	99
50) 1,2-Dibromoethane	11.237	107	153480	23.290	ug/L	98
51) Chlorobenzene	11.658	112	627297	25.684	ug/L	99
52) Ethylbenzene	11.731	91	1160662	26.666	ug/L	97
53) m,p-Xylene	11.841	106	434441	27.066	ug/L	94
54) o-Xylene	12.164	106	408946	26.746	ug/L	97
55) Styrene	12.182	104	709752	26.992	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	191412	22.834	ug/L	98
59) Bromoform	12.353	173	102319	23.877	ug/L	98
60) Isopropylbenzene	12.463	105	1143176	27.451	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	141392	22.721	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	934339	27.317	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	947062	27.738	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	477748	26.286	ug/L	92
65) 1,4-Dichlorobenzene	13.578	146	476899	25.661	ug/L	94
67) 1,2-Dichlorobenzene	13.871	146	425291	25.999	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	29942	21.980	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	338152	25.751	ug/L	95
70) 1,2,4-trichlorobenzene	15.133	180	273307	25.359	ug/L	95
71) Naphthalene	15.365	128	521009	24.246	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	249041	26.080	ug/L	96

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

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