

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080621\
 Data File : VW019703.D
 Acq On : 06 Aug 2021 20:16
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025506

Quant Time: Aug 07 01:04:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 07 01:03:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	406344	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	313006	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	154185	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	87627	15.220	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.880%
7) Chloroethane-d5	2.898	69	82044	19.983	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.920%
11) 1,1-Dichloroethene-d2	4.032	63	228897	20.605	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.400%
21) 2-Butanone-d5	7.080	46	90970	54.439	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.880%
24) Chloroform-d	7.653	84	277925	24.754	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	8.311	65	159944	25.959	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.840%
32) Benzene-d6	8.275	84	504110	27.056	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.240%
36) 1,2-Dichloropropane-d6	9.275	67	159815	27.520	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.080%
41) Toluene-d8	10.323	98	454819	27.075	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.280%
43) trans-1,3-Dichloroprop...	10.579	79	69856	28.089	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	112.360%
47) 2-Hexanone-d5	10.927	63	72160	66.976	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.960%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	117017	24.937	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.760%
66) 1,2-Dichlorobenzene-d4	13.853	152	132698	24.393	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	97235	20.088	ug/L	93
3) Chloromethane	2.221	50	104589	21.057	ug/L	98
5) Vinyl chloride	2.367	62	131265	19.201	ug/L	98
6) Bromomethane	2.788	94	87946	23.266	ug/L	97
8) Chloroethane	2.928	64	83786	23.026	ug/L	96
9) Trichlorofluoromethane	3.269	101	116305	28.006	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	131668	24.786	ug/L	97
12) 1,1-Dichloroethene	4.050	96	126294	23.807	ug/L	96
13) Acetone	4.123	43	58939	47.867	ug/L	93
14) Carbon disulfide	4.391	76	367694	21.645	ug/L	99
15) Methyl Acetate	4.672	43	68589	25.028	ug/L	98
16) Methylene chloride	4.928	84	236405	29.183	ug/L	96
17) trans-1,2-Dichloroethene	5.434	96	136626	23.683	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	205197	25.745	ug/L	98
19) 1,1-Dichloroethane	6.220	63	262276	24.762	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	148982	24.417	ug/L	88
22) 2-Butanone	7.171	43	87100	45.716	ug/L	99
23) Bromochloromethane	7.519	128	69229	25.193	ug/L	96
25) Chloroform	7.677	83	272983	26.055	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	193613	27.466	ug/L	99
29) Cyclohexane	7.964	56	215182	26.808	ug/L	96
30) 1,1,1-Trichloroethane	7.878	97	214908	33.267	ug/L	99
31) Carbon tetrachloride	8.073	117	191451	31.853	ug/L	98
33) Benzene	8.323	78	587335	29.978	ug/L	100
34) Trichloroethene	9.092	95	147420	29.482	ug/L	92
35) Methylcyclohexane	9.335	83	249553	28.202	ug/L	96
37) 1,2-Dichloropropane	9.372	63	149887	30.189	ug/L	99
38) Bromodichloromethane	9.646	83	195411	31.741	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	224950	29.627	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	195905	62.517	ug/L	99
42) Toluene	10.390	91	627124	30.711	ug/L	96
44) trans-1,3-Dichloropropene	10.610	75	202566	30.330	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	115852	31.361	ug/L	95
46) Tetrachloroethene	10.866	164	111835	29.345	ug/L	96
48) 2-Hexanone	10.969	43	137671	64.505	ug/L	97
49) Dibromochloromethane	11.134	129	127950	32.206	ug/L	97
50) 1,2-Dibromoethane	11.238	107	109949	31.030	ug/L	96
51) Chlorobenzene	11.658	112	322849	25.143	ug/L	97
52) Ethylbenzene	11.731	91	540649	24.320	ug/L	97
53) m,p-Xylene	11.841	106	193045	22.978	ug/L	98
54) o-Xylene	12.164	106	202053	25.450	ug/L	97
55) Styrene	12.183	104	354562	25.775	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	108792	23.913	ug/L	99
59) Bromoform	12.353	173	58542	26.601	ug/L	94
60) Isopropylbenzene	12.463	105	507988	24.515	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	81589	24.156	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	440434	25.385	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	450602	25.775	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	227344	23.975	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	236206	25.209	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	217226	25.429	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	24538	33.292	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	212934	30.733	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	171487	29.604	ug/L	99
71) Naphthalene	15.365	128	382729	32.713	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	162074	31.243	ug/L	98

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

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