

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050421\
 Data File : VW018927.D
 Acq On : 04 May 2021 18:45
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025110

Quant Time: May 05 00:09:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 05 00:05:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	542394	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	492582	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	243623	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	145415	20.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.60%
7) Chloroethane-d5	2.885	69	125132	23.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.84%
11) 1,1-Dichloroethene-d2	4.026	63	321999	23.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.24%
21) 2-Butanone-d5	7.080	46	87037	48.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.06%
24) Chloroform-d	7.647	84	353434	24.83	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.32%
26) 1,2-Dichloroethane-d4	8.305	65	194866	24.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.04%
32) Benzene-d6	8.275	84	674652	24.24	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.96%
36) 1,2-Dichloropropane-d6	9.275	67	203616	24.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.64%
41) Toluene-d8	10.323	98	613216	23.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.48%
43) trans-1,3-Dichloroprop...	10.579	79	88547	23.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.40%
47) 2-Hexanone-d5	10.927	63	75267	50.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.82%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	174617	24.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.84%
66) 1,2-Dichlorobenzene-d4	13.853	152	203785	24.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.64%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	127297	24.72	ug/L	97
3) Chloromethane	2.215	50	109548	22.65	ug/L	99
5) Vinyl chloride	2.367	62	185151	23.59	ug/L	99
6) Bromomethane	2.782	94	125826	22.89	ug/L	98
8) Chloroethane	2.922	64	113511	24.04	ug/L	99
9) Trichlorofluoromethane	3.263	101	126375	20.76	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	172729	24.62	ug/L	98
12) 1,1-Dichloroethene	4.044	96	168402	23.97	ug/L	91
13) Acetone	4.123	43	54498	39.25	ug/L	90
14) Carbon disulfide	4.385	76	485608	23.35	ug/L	99
15) Methyl Acetate	4.672	43	66062	23.34	ug/L	96
16) Methylene chloride	4.922	84	237648	26.50	ug/L	97
17) trans-1,2-Dichloroethene	5.422	96	180367	23.94	ug/L	98
18) Methyl tert-butyl Ether	5.422	73	230409	22.18	ug/L	99
19) 1,1-Dichloroethane	6.214	63	329498	25.46	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	197306	24.80	ug/L	95
22) 2-Butanone	7.171	43	89822	46.66	ug/L	95
23) Bromochloromethane	7.513	128	82496	23.53	ug/L	94
25) Chloroform	7.677	83	339528	25.07	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	227746	24.70	ug/L	98
29) Cyclohexane	7.958	56	290630	24.62	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	261063	23.92	ug/L	99
31) Carbon tetrachloride	8.074	117	239933	24.12	ug/L	99
33) Benzene	8.324	78	733657	24.87	ug/L	100
34) Trichloroethene	9.092	95	192606	24.48	ug/L	92
35) Methylcyclohexane	9.336	83	334735	24.19	ug/L	99
37) 1,2-Dichloropropane	9.366	63	178682	25.13	ug/L	98
38) Bromodichloromethane	9.646	83	237477	25.29	ug/L	93
39) cis-1,3-Dichloropropene	10.073	75	280337	24.75	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	205682	46.58	ug/L	95
42) Toluene	10.390	91	800220	24.66	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	244582	24.64	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	132607	23.48	ug/L	94
46) Tetrachloroethene	10.860	164	144942	24.50	ug/L	94
48) 2-Hexanone	10.969	43	144353	50.20	ug/L	95
49) Dibromochloromethane	11.128	129	146205	23.91	ug/L	100
50) 1,2-Dibromoethane	11.238	107	126262	23.05	ug/L	97
51) Chlorobenzene	11.658	112	494768	24.93	ug/L	98
52) Ethylbenzene	11.731	91	900250	25.02	ug/L	96
53) m,p-Xylene	11.835	106	330502	24.72	ug/L	97
54) o-Xylene	12.164	106	314922	24.72	ug/L	100
55) Styrene	12.183	104	537977	25.11	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	163689	23.98	ug/L	99
59) Bromoform	12.347	173	75537	22.41	ug/L #	96
60) Isopropylbenzene	12.463	105	879022	25.28	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	121026	23.43	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	740117	25.50	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	721820	24.86	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	361492	24.64	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	362588	24.48	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	323272	24.35	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	25078	22.84	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	251609	23.78	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	215457	24.53	ug/L	97
71) Naphthalene	15.365	128	440232	23.75	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	182896	23.59	ug/L	99

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

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