

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050521\
 Data File : VW018929.D
 Acq On : 05 May 2021 10:04
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025111

Quant Time: May 06 01:07:13 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	551855	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	492631	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	244221	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	174931	24.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.84%
7) Chloroethane-d5	2.892	69	139411	25.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.68%
11) 1,1-Dichloroethene-d2	4.026	63	367613	26.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	104.60%
21) 2-Butanone-d5	7.080	46	77691	42.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.26%
24) Chloroform-d	7.647	84	372249	25.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	8.305	65	197991	24.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.88%
32) Benzene-d6	8.275	84	713539	25.63	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.52%
36) 1,2-Dichloropropane-d6	9.275	67	210249	25.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.84%
41) Toluene-d8	10.323	98	656542	25.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.16%
43) trans-1,3-Dichloroprop...	10.579	79	89284	23.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.16%
47) 2-Hexanone-d5	10.927	63	65848	44.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.08%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	165356	23.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.52%
66) 1,2-Dichlorobenzene-d4	13.853	152	205500	24.56	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.24%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	140973	26.90	ug/L	95
3) Chloromethane	2.215	50	125310	25.46	ug/L	98
5) Vinyl chloride	2.367	62	212570	26.62	ug/L	99
6) Bromomethane	2.788	94	138288	24.73	ug/L	96
8) Chloroethane	2.928	64	126652	26.36	ug/L	99
9) Trichlorofluoromethane	3.263	101	164489	26.56	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	190889	26.74	ug/L	96
12) 1,1-Dichloroethene	4.044	96	186723	26.12	ug/L	96
13) Acetone	4.135	43	84353	59.71	ug/L	89
14) Carbon disulfide	4.385	76	560055	26.47	ug/L	99
15) Methyl Acetate	4.672	43	61284	21.28	ug/L	95
16) Methylene chloride	4.922	84	208337	22.84	ug/L	93
17) trans-1,2-Dichloroethene	5.428	96	193725	25.28	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	238449	22.56	ug/L	99
19) 1,1-Dichloroethane	6.214	63	343655	26.10	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	201240	24.86	ug/L	99
22) 2-Butanone	7.177	43	99530	50.82	ug/L	99
23) Bromochloromethane	7.513	128	82682	23.18	ug/L	97
25) Chloroform	7.677	83	354677	25.74	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	229316	24.44	ug/L	100
29) Cyclohexane	7.958	56	311994	26.42	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	290363	26.60	ug/L	99
31) Carbon tetrachloride	8.067	117	268936	27.03	ug/L	100
33) Benzene	8.324	78	769896	26.10	ug/L	100
34) Trichloroethene	9.092	95	208894	26.55	ug/L	91
35) Methylcyclohexane	9.336	83	369819	26.73	ug/L	98
37) 1,2-Dichloropropane	9.366	63	183406	25.79	ug/L	98
38) Bromodichloromethane	9.646	83	244449	26.03	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	288180	25.44	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	187797	42.52	ug/L	96
42) Toluene	10.384	91	850679	26.21	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	248466	25.03	ug/L	96
45) 1,1,2-Trichloroethane	10.787	97	130171	23.05	ug/L	96
46) Tetrachloroethene	10.866	164	148303	25.06	ug/L	90
48) 2-Hexanone	10.969	43	149978	52.15	ug/L	97
49) Dibromochloromethane	11.128	129	148725	24.31	ug/L	94
50) 1,2-Dibromoethane	11.238	107	124058	22.65	ug/L	98
51) Chlorobenzene	11.658	112	498412	25.11	ug/L	97
52) Ethylbenzene	11.731	91	931964	25.89	ug/L	95
53) m,p-Xylene	11.841	106	342522	25.61	ug/L	99
54) o-Xylene	12.164	106	324208	25.44	ug/L	89
55) Styrene	12.183	104	552755	25.80	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	153336	22.46	ug/L	97
59) Bromoform	12.347	173	74906	22.17	ug/L	99
60) Isopropylbenzene	12.463	105	920164	26.39	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	114567	22.13	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	774174	26.61	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	760870	26.14	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	369139	25.10	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	371978	25.05	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	336645	25.29	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	23822	21.64	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	270946	25.55	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	221675	25.17	ug/L	97
71) Naphthalene	15.365	128	414912	22.33	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	186030	23.94	ug/L	98

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

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