

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051021\
 Data File : VW018972.D
 Acq On : 10 May 2021 17:08
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025118

Quant Time: May 11 01:53:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 11 01:26:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	617323	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	570791	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	296286	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	134806	17.02	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	68.08%		
7) Chloroethane-d5	2.885	69	110460	18.00	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	72.00%		
11) 1,1-Dichloroethene-d2	4.032	63	349201	22.21	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	88.84%		
21) 2-Butanone-d5	7.080	46	125506	60.85	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	121.70%		
24) Chloroform-d	7.647	84	373389	23.04	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	92.16%		
26) 1,2-Dichloroethane-d4	8.305	65	222110	24.54	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	98.16%		
32) Benzene-d6	8.275	84	655699	20.33	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	81.32%		
36) 1,2-Dichloropropane-d6	9.274	67	208248	21.77	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	87.08%		
41) Toluene-d8	10.323	98	610945	20.31	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	81.24%		
43) trans-1,3-Dichloroprop...	10.579	79	98610	22.68	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	90.72%		
47) 2-Hexanone-d5	10.927	63	97733	57.05	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	114.10%		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	201202	24.82	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	99.28%		
66) 1,2-Dichlorobenzene-d4	13.853	152	209260	20.61	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	82.44%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	161756	27.60	ug/L	96
3) Chloromethane	2.215	50	139873	25.41	ug/L	98
5) Vinyl chloride	2.367	62	228723	25.61	ug/L	96
6) Bromomethane	2.782	94	141367	22.60	ug/L	98
8) Chloroethane	2.928	64	138011	25.68	ug/L	96
9) Trichlorofluoromethane	3.263	101	175221	25.29	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	225845	28.29	ug/L	98
12) 1,1-Dichloroethene	4.044	96	215239	26.92	ug/L	94
13) Acetone	4.123	43	117119	74.11	ug/L	97
14) Carbon disulfide	4.391	76	637777	26.95	ug/L	100
15) Methyl Acetate	4.672	43	115517	35.85	ug/L	99
16) Methylene chloride	4.922	84	245748	24.08	ug/L	99
17) trans-1,2-Dichloroethene	5.422	96	231780	27.04	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	329034	27.82	ug/L	99
19) 1,1-Dichloroethane	6.214	63	434134	29.48	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	250762	27.70	ug/L	89
22) 2-Butanone	7.171	43	164034	74.87	ug/L	98
23) Bromochloromethane	7.519	128	111196	27.87	ug/L	96
25) Chloroform	7.677	83	455334	29.55	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	336119	32.03	ug/L	100
29) Cyclohexane	7.958	56	384344	28.09	ug/L	95
30) 1,1,1-Trichloroethane	7.872	97	354834	28.06	ug/L	98
31) Carbon tetrachloride	8.067	117	333511	28.93	ug/L	100
33) Benzene	8.323	78	954722	27.93	ug/L	100
34) Trichloroethene	9.092	95	255158	27.99	ug/L	93
35) Methylcyclohexane	9.335	83	433635	27.05	ug/L	96
37) 1,2-Dichloropropane	9.366	63	239422	29.06	ug/L	99
38) Bromodichloromethane	9.646	83	330690	30.39	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	387940	29.55	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	345820	67.58	ug/L	98
42) Toluene	10.384	91	1031983	27.44	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	352815	30.67	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	187390	28.64	ug/L	98
46) Tetrachloroethene	10.866	164	179259	26.15	ug/L	97
48) 2-Hexanone	10.969	43	247805	74.36	ug/L	99
49) Dibromochloromethane	11.128	129	208608	29.43	ug/L	96
50) 1,2-Dibromoethane	11.238	107	184188	29.02	ug/L	99
51) Chlorobenzene	11.658	112	640479	27.85	ug/L	96
52) Ethylbenzene	11.731	91	1173544	28.14	ug/L	97
53) m,p-Xylene	11.835	106	425560	27.47	ug/L	95
54) o-Xylene	12.164	106	408204	27.65	ug/L	91
55) Styrene	12.183	104	707660	28.51	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	240480	30.40	ug/L	97
59) Bromoform	12.347	173	113794	27.76	ug/L	97
60) Isopropylbenzene	12.463	105	1129416	26.70	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	187371	29.83	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	965897	27.37	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	972773	27.54	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	468541	26.26	ug/L	88
65) 1,4-Dichlorobenzene	13.579	146	478624	26.57	ug/L	95
67) 1,2-Dichlorobenzene	13.871	146	442719	27.42	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	44348	33.20	ug/L	86
69) 1,3,5-Trichlorobenzene	14.627	180	342965	26.65	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	298502	27.94	ug/L	98
71) Naphthalene	15.365	128	670260	29.73	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	252330	26.76	ug/L	99

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

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