

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060221\
 Data File : VW019102.D
 Acq On : 02 Jun 2021 16:08
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025121

Quant Time: Jun 03 01:24:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 02 12:40:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	641257	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	577548	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	305886	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	209682	24.73	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	98.92%		
7) Chloroethane-d5	2.891	69	180733	25.03	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	100.12%		
11) 1,1-Dichloroethene-d2	4.031	63	432047	25.64	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	102.56%		
21) 2-Butanone-d5	7.080	46	107245	48.28	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	96.56%		
24) Chloroform-d	7.653	84	429299	24.90	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	99.60%		
26) 1,2-Dichloroethane-d4	8.305	65	230820	23.87	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	95.48%		
32) Benzene-d6	8.275	84	836830	25.43	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	101.72%		
36) 1,2-Dichloropropane-d6	9.274	67	249607	25.02	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	100.08%		
41) Toluene-d8	10.323	98	760595	25.17	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	100.68%		
43) trans-1,3-Dichloroprop...	10.579	79	109431	25.33	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	101.32%		
47) 2-Hexanone-d5	10.927	63	88394	52.25	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	104.50%		
56) 1,1,2,2-Tetrachloroeth...	12.694	84	209437	25.45	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	101.80%		
66) 1,2-Dichlorobenzene-d4	13.853	152	255768	23.96	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	95.84%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	224495	27.02	ug/L	97
3) Chloromethane	2.215	50	201997	26.30	ug/L	97
5) Vinyl chloride	2.367	62	312164	26.62	ug/L	100
6) Bromomethane	2.788	94	219831	25.21	ug/L	100
8) Chloroethane	2.928	64	184396	26.45	ug/L	99
9) Trichlorofluoromethane	3.263	101	176269	27.39	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	241985	26.29	ug/L	97
12) 1,1-Dichloroethene	4.044	96	245630	27.01	ug/L	94
13) Acetone	4.135	43	108358	55.05	ug/L	90
14) Carbon disulfide	4.391	76	766696	26.68	ug/L	98
15) Methyl Acetate	4.672	43	102601	25.92	ug/L	98
16) Methylene chloride	4.921	84	282765	23.76	ug/L	95
17) trans-1,2-Dichloroethene	5.428	96	260244	26.56	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	338293	26.71	ug/L	98
19) 1,1-Dichloroethane	6.220	63	461922	26.56	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	272567	26.72	ug/L	96
22) 2-Butanone	7.177	43	144825	55.03	ug/L	99
23) Bromochloromethane	7.519	128	115616	25.77	ug/L	97
25) Chloroform	7.677	83	471267	26.57	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	313160	26.08	ug/L	99
29) Cyclohexane	7.958	56	425019	28.28	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	366315	27.56	ug/L	100
31) Carbon tetrachloride	8.067	117	345658	28.17	ug/L	100
33) Benzene	8.323	78	1038387	27.33	ug/L	100
34) Trichloroethene	9.091	95	267249	26.99	ug/L	96
35) Methylcyclohexane	9.335	83	479884	28.16	ug/L	98
37) 1,2-Dichloropropane	9.366	63	254229	27.24	ug/L	99
38) Bromodichloromethane	9.646	83	334154	27.61	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	409826	28.34	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	298569	53.72	ug/L	95
42) Toluene	10.390	91	1125534	27.54	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	360413	28.24	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	189469	26.97	ug/L	98
46) Tetrachloroethene	10.866	164	211788	27.98	ug/L	98
48) 2-Hexanone	10.969	43	215105	57.58	ug/L	95
49) Dibromochloromethane	11.128	129	214173	27.50	ug/L	98
50) 1,2-Dibromoethane	11.237	107	183766	27.00	ug/L	99
51) Chlorobenzene	11.658	112	686878	27.23	ug/L	97
52) Ethylbenzene	11.731	91	1261004	28.05	ug/L	98
53) m,p-Xylene	11.841	106	471754	28.45	ug/L	99
54) o-Xylene	12.164	106	445149	28.18	ug/L	92
55) Styrene	12.182	104	776056	28.57	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	236867	27.36	ug/L	99
59) Bromoform	12.347	173	123594	26.23	ug/L	99
60) Isopropylbenzene	12.463	105	1247597	27.24	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	173905	25.41	ug/L	97
62) 1,3,5-Trimethylbenzene	12.944	105	1013419	26.94	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	1026536	27.34	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	523218	26.18	ug/L	91
65) 1,4-Dichlorobenzene	13.578	146	531888	26.03	ug/L	99
67) 1,2-Dichlorobenzene	13.871	146	481234	26.75	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	38718	25.85	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	383032	26.52	ug/L	94
70) 1,2,4-trichlorobenzene	15.133	180	324884	27.41	ug/L	98
71) Naphthalene	15.365	128	657050	27.81	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	282333	26.89	ug/L	98

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

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