

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050721\
 Data File : VW018951.D
 Acq On : 07 May 2021 10:43
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025115

Quant Time: May 07 23:24:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 07 01:24:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	652475	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	575123	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	280550	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	182420	21.79	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	87.16%		
7) Chloroethane-d5	2.891	69	147199	22.70	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	90.80%		
11) 1,1-Dichloroethene-d2	4.025	63	427592	25.73	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	102.92%		
21) 2-Butanone-d5	7.074	46	92994	42.66	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	85.32%		
24) Chloroform-d	7.647	84	457619	26.72	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	106.88%		
26) 1,2-Dichloroethane-d4	8.305	65	242828	25.39	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	101.56%		
32) Benzene-d6	8.275	84	842564	25.93	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	103.72%		
36) 1,2-Dichloropropane-d6	9.274	67	251175	26.05	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	104.20%		
41) Toluene-d8	10.323	98	767733	25.33	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	101.32%		
43) trans-1,3-Dichloroprop...	10.579	79	105442	24.07	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	96.28%		
47) 2-Hexanone-d5	10.920	63	72754	42.15	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	84.30%		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	182032	22.28	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	89.12%		
66) 1,2-Dichlorobenzene-d4	13.853	152	247744	25.77	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	103.08%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.013	85	151621	24.47	ug/L	95
3) Chloromethane	2.215	50	132527	22.78	ug/L	100
5) Vinyl chloride	2.367	62	219637	23.27	ug/L	98
6) Bromomethane	2.788	94	136702	20.68	ug/L	94
8) Chloroethane	2.928	64	130046	22.89	ug/L	99
9) Trichlorofluoromethane	3.263	101	187004	25.54	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	212250	25.15	ug/L	99
12) 1,1-Dichloroethene	4.038	96	208280	24.64	ug/L	82
13) Acetone	4.123	43	63847	38.22	ug/L	97
14) Carbon disulfide	4.385	76	614922	24.58	ug/L	100
15) Methyl Acetate	4.665	43	68032	19.98	ug/L	100
16) Methylene chloride	4.915	84	229522	21.28	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	217764	24.03	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	265295	21.23	ug/L	99
19) 1,1-Dichloroethane	6.220	63	395430	25.40	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	225935	23.61	ug/L	95
22) 2-Butanone	7.171	43	87924	37.97	ug/L	98
23) Bromochloromethane	7.513	128	91612	21.72	ug/L	89
25) Chloroform	7.677	83	410181	25.18	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	267101	24.08	ug/L	97
29) Cyclohexane	7.958	56	355761	25.81	ug/L	96
30) 1,1,1-Trichloroethane	7.878	97	339832	26.67	ug/L	99
31) Carbon tetrachloride	8.067	117	307272	26.46	ug/L	99
33) Benzene	8.323	78	872047	25.32	ug/L	100
34) Trichloroethene	9.091	95	232002	25.25	ug/L	93
35) Methylcyclohexane	9.335	83	400291	24.78	ug/L	96
37) 1,2-Dichloropropane	9.366	63	207314	24.97	ug/L	99
38) Bromodichloromethane	9.646	83	281488	25.68	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	323133	24.43	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	199307	38.66	ug/L	98
42) Toluene	10.390	91	936150	24.70	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	271694	23.44	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	138891	21.06	ug/L	94
46) Tetrachloroethene	10.859	164	170046	24.62	ug/L	98
48) 2-Hexanone	10.969	43	138049	41.12	ug/L	99
49) Dibromochloromethane	11.128	129	162185	22.71	ug/L	95
50) 1,2-Dibromoethane	11.237	107	130592	20.42	ug/L	97
51) Chlorobenzene	11.658	112	554467	23.93	ug/L	97
52) Ethylbenzene	11.731	91	1053148	25.06	ug/L	94
53) m,p-Xylene	11.835	106	381931	24.46	ug/L	90
54) o-Xylene	12.164	106	359441	24.16	ug/L	83
55) Styrene	12.182	104	601818	24.06	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	156092	19.58	ug/L	100
59) Bromoform	12.347	173	77717	20.02	ug/L	97
60) Isopropylbenzene	12.463	105	1021473	25.51	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	117328	19.73	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	871150	26.07	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	862134	25.78	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	416639	24.66	ug/L	95
65) 1,4-Dichlorobenzene	13.578	146	416381	24.41	ug/L	95
67) 1,2-Dichlorobenzene	13.871	146	359514	23.51	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	24890	19.68	ug/L	90
69) 1,3,5-Trichlorobenzene	14.627	180	288112	23.65	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	237696	23.50	ug/L	99
71) Naphthalene	15.359	128	410231	19.22	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	200268	22.43	ug/L	97

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

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