

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040921\
 Data File : VW018612.D
 Acq On : 09 Apr 2021 10:21
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025112

Quant Time: Apr 17 03:04:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM033121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Mar 31 12:31:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	445588	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	408567	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	217801	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	122056	17.04	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	68.16%		
7) Chloroethane-d5	2.892	69	111546	19.47	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	77.88%		
11) 1,1-Dichloroethene-d2	4.026	63	215638	19.36	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	77.44%		
21) 2-Butanone-d5	7.074	46	67848	45.44	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	90.88%		
24) Chloroform-d	7.647	84	253784	21.67	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	86.68%		
26) 1,2-Dichloroethane-d4	8.305	65	145186	20.63	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	82.52%		
32) Benzene-d6	8.275	84	449009	20.96	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	83.84%		
36) 1,2-Dichloropropane-d6	9.275	67	139007	22.27	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	89.08%		
41) Toluene-d8	10.323	98	431619	20.52	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	82.08%		
43) trans-1,3-Dichloroprop...	10.579	79	64885	20.87	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	83.48%		
47) 2-Hexanone-d5	10.921	63	55762	45.63	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	91.26%		
56) 1,1,2,2-Tetrachloroeth...	12.689	84	137043	22.96	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	91.84%		
66) 1,2-Dichlorobenzene-d4	13.853	152	167996	22.79	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	91.16%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	112242	22.57	ug/L	97
3) Chloromethane	2.215	50	148647	23.90	ug/L	99
5) Vinyl chloride	2.367	62	220948	23.45	ug/L	97
6) Bromomethane	2.782	94	154062	23.07	ug/L	99
8) Chloroethane	2.928	64	138806	25.24	ug/L	98
9) Trichlorofluoromethane	3.263	101	112253	26.85	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	154965	25.90	ug/L	98
12) 1,1-Dichloroethene	4.044	96	148281	24.79	ug/L	86
13) Acetone	4.123	43	50735	48.18	ug/L	91
14) Carbon disulfide	4.385	76	430199	23.89	ug/L	100
15) Methyl Acetate	4.672	43	64647	24.37	ug/L #	72
16) Methylene chloride	4.916	84	159578	23.92	ug/L	93
17) trans-1,2-Dichloroethene	5.415	96	159846	24.66	ug/L	90
18) Methyl tert-butyl Ether	5.422	73	202727	24.59	ug/L	98
19) 1,1-Dichloroethane	6.214	63	282067	25.43	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	173216	25.44	ug/L	97
22) 2-Butanone	7.171	43	85921	50.74	ug/L	99
23) Bromochloromethane	7.513	128	81409	25.66	ug/L	93
25) Chloroform	7.677	83	305817	25.40	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	215296	25.02	ug/L	98
29) Cyclohexane	7.958	56	244077	25.82	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	252171	27.37	ug/L	98
31) Carbon tetrachloride	8.067	117	237482	27.13	ug/L	99
33) Benzene	8.324	78	647983	26.57	ug/L	100
34) Trichloroethene	9.086	95	179317	26.61	ug/L	90
35) Methylcyclohexane	9.336	83	294045	25.78	ug/L	98
37) 1,2-Dichloropropane	9.366	63	155903	26.75	ug/L	100
38) Bromodichloromethane	9.640	83	221843	26.49	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	256324	26.76	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	193295	50.82	ug/L	96
42) Toluene	10.390	91	737061	26.62	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	232862	26.16	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	129313	26.38	ug/L	99
46) Tetrachloroethene	10.860	164	135027	26.58	ug/L	86
48) 2-Hexanone	10.969	43	137780	50.86	ug/L	97
49) Dibromochloromethane	11.128	129	156504	27.14	ug/L	97
50) 1,2-Dibromoethane	11.232	107	128680	25.83	ug/L	94
51) Chlorobenzene	11.658	112	472910	26.62	ug/L	95
52) Ethylbenzene	11.731	91	822945	26.26	ug/L	100
53) m,p-Xylene	11.841	106	311916	26.77	ug/L	99
54) o-Xylene	12.164	106	300909	26.55	ug/L	99
55) Styrene	12.176	104	518261	26.66	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	160908	25.85	ug/L	99
59) Bromoform	12.347	173	85856	25.34	ug/L	97
60) Isopropylbenzene	12.463	105	825704	26.66	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	119619	25.55	ug/L	100
62) 1,3,5-Trimethylbenzene	12.939	105	692690	26.52	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	708674	26.87	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	345974	25.19	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	361727	25.80	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	328641	25.93	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	26385	23.42	ug/L	91
69) 1,3,5-Trichlorobenzene	14.627	180	253831	25.34	ug/L	94
70) 1,2,4-trichlorobenzene	15.133	180	216532	25.65	ug/L	100
71) Naphthalene	15.365	128	450646	25.18	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	190245	25.13	ug/L	99

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

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