

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042321\
 Data File : VW018770.D
 Acq On : 23 Apr 2021 20:09
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025120

Quant Time: Apr 24 00:20:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 24 00:16:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	540026	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	503421	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	259866	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	137549	16.76	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 67.04%			
7) Chloroethane-d5	2.891	69	127009	17.46	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 69.84%			
11) 1,1-Dichloroethene-d2	4.025	63	306779	21.53	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 86.12%			
21) 2-Butanone-d5	7.086	46	112770	60.37	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 120.74%			
24) Chloroform-d	7.647	84	377148	25.45	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 101.80%			
26) 1,2-Dichloroethane-d4	8.305	65	214808	25.78	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.12%			
32) Benzene-d6	8.275	84	702120	23.77	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 95.08%			
36) 1,2-Dichloropropane-d6	9.274	67	222104	24.96	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.84%			
41) Toluene-d8	10.323	98	648210	24.00	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 96.00%			
43) trans-1,3-Dichloroprop...	10.579	79	98605	26.03	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 104.12%			
47) 2-Hexanone-d5	10.927	63	98599	63.71	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 127.42%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	214622	28.87	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 115.48%			
66) 1,2-Dichlorobenzene-d4	13.853	152	237186	25.98	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 103.92%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.007	85	129158	25.13	ug/L	91
3) Chloromethane	2.221	50	112474	16.02	ug/L	98
5) Vinyl chloride	2.367	62	205085	20.26	ug/L	97
6) Bromomethane	2.782	94	142500	17.67	ug/L	96
8) Chloroethane	2.928	64	127108	19.68	ug/L	94
9) Trichlorofluoromethane	3.263	101	174709	30.82	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	184091	25.59	ug/L	97
12) 1,1-Dichloroethene	4.050	96	179609	25.30	ug/L	94
13) Acetone	4.129	43	71854	52.99	ug/L	89
14) Carbon disulfide	4.391	76	456227	21.59	ug/L	99
15) Methyl Acetate	4.678	43	87355	28.25	ug/L	94
16) Methylene chloride	4.916	84	215115	24.31	ug/L	91
17) trans-1,2-Dichloroethene	5.428	96	194184	25.43	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	295389	28.92	ug/L	97
19) 1,1-Dichloroethane	6.220	63	363662	25.90	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	219763	27.06	ug/L	99
22) 2-Butanone	7.177	43	113846	55.25	ug/L	95
23) Bromochloromethane	7.513	128	96484	27.44	ug/L	94
25) Chloroform	7.677	83	385284	27.04	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	262689	27.08	ug/L	100
29) Cyclohexane	7.958	56	297792	24.02	ug/L	98
30) 1,1,1-Trichloroethane	7.878	97	290131	26.34	ug/L	99
31) Carbon tetrachloride	8.067	117	257382	25.91	ug/L	99
33) Benzene	8.323	78	815187	25.79	ug/L	100
34) Trichloroethene	9.092	95	209011	25.68	ug/L	92
35) Methylcyclohexane	9.335	83	354162	25.03	ug/L	97
37) 1,2-Dichloropropane	9.372	63	206833	25.84	ug/L	98
38) Bromodichloromethane	9.646	83	269210	26.43	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	320453	26.97	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	262986	53.49	ug/L	94
42) Toluene	10.390	91	900986	26.55	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	285465	27.52	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	162306	27.34	ug/L	95
46) Tetrachloroethene	10.866	164	164250	28.56	ug/L	97
48) 2-Hexanone	10.969	43	182912	58.85	ug/L	94
49) Dibromochloromethane	11.128	129	176019	27.82	ug/L	96
50) 1,2-Dibromoethane	11.238	107	160378	28.39	ug/L	95
51) Chlorobenzene	11.658	112	555051	26.57	ug/L	99
52) Ethylbenzene	11.731	91	990831	26.43	ug/L	93
53) m,p-Xylene	11.841	106	374470	27.23	ug/L	94
54) o-Xylene	12.164	106	362084	27.43	ug/L	97
55) Styrene	12.182	104	637672	27.92	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	209485	28.33	ug/L	98
59) Bromoform	12.347	173	98573	26.61	ug/L	97
60) Isopropylbenzene	12.463	105	980429	25.65	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	153900	25.92	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	816647	25.79	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	826275	26.15	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	426206	26.32	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	437795	26.72	ug/L	90
67) 1,2-Dichlorobenzene	13.871	146	391428	26.27	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.487	75	31499	25.53	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	308103	26.65	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	268879	28.57	ug/L	99
71) Naphthalene	15.365	128	592736	29.89	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	235998	28.41	ug/L	98

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

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