

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101421\
 Data File : VW020480.D
 Acq On : 14 Oct 2021 08:21
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025033

Quant Time: Oct 14 23:29:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 14 00:58:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	189859	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	176762	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	91416	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	58222	21.07	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	84.28%		
7) Chloroethane-d5	2.885	69	34319	23.52	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	94.08%		
11) 1,1-Dichloroethene-d2	4.019	63	133062	23.51	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	94.04%		
21) 2-Butanone-d5	7.080	46	43865	52.17	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	104.34%		
24) Chloroform-d	7.653	84	148435	24.53	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	98.12%		
26) 1,2-Dichloroethane-d4	8.311	65	84036	24.31	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	97.24%		
32) Benzene-d6	8.275	84	277908	23.90	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	95.60%		
36) 1,2-Dichloropropane-d6	9.274	67	89500	23.62	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	94.48%		
41) Toluene-d8	10.323	98	252119	24.17	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	96.68%		
43) trans-1,3-Dichloroprop...	10.579	79	37614	24.43	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	97.72%		
47) 2-Hexanone-d5	10.927	63	31550	54.12	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	108.24%		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	73280	25.58	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	102.32%		
66) 1,2-Dichlorobenzene-d4	13.853	152	83611	23.38	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	93.52%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	24081	19.63	ug/L	99
3) Chloromethane	2.221	50	65550	25.70	ug/L	98
5) Vinyl chloride	2.361	62	92296	25.72	ug/L	98
6) Bromomethane	2.782	94	37661	24.17	ug/L	96
8) Chloroethane	2.922	64	34535	26.07	ug/L	98
9) Trichlorofluoromethane	3.257	101	58051	28.44	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	76046	26.12	ug/L	100
12) 1,1-Dichloroethene	4.044	96	69343	25.98	ug/L	97
13) Acetone	4.123	43	46175	59.82	ug/L	97
14) Carbon disulfide	4.385	76	218812	25.20	ug/L	99
15) Methyl Acetate	4.678	43	36463	25.44	ug/L	99
16) Methylene chloride	4.922	84	73890	20.02	ug/L	95
17) trans-1,2-Dichloroethene	5.428	96	72056	25.73	ug/L	100
18) Methyl tert-butyl Ether	5.434	73	101852	25.81	ug/L	99
19) 1,1-Dichloroethane	6.220	63	147580	25.70	ug/L	99
20) cis-1,2-Dichloroethene	7.177	96	75424	25.91	ug/L	99
22) 2-Butanone	7.177	43	52925	54.77	ug/L	99
23) Bromochloromethane	7.513	128	32450	25.42	ug/L	95
25) Chloroform	7.683	83	143068	25.63	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	100215	26.25	ug/L	100
29) Cyclohexane	7.958	56	140427	27.14	ug/L	98
30) 1,1,1-Trichloroethane	7.878	97	116618	26.56	ug/L	100
31) Carbon tetrachloride	8.073	117	102876	26.65	ug/L	100
33) Benzene	8.330	78	326677	25.95	ug/L	100
34) Trichloroethene	9.092	95	78525	25.32	ug/L	96
35) Methylcyclohexane	9.342	83	139369	26.26	ug/L	99
37) 1,2-Dichloropropane	9.372	63	84631	25.96	ug/L	99
38) Bromodichloromethane	9.646	83	100479	25.70	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	118801	26.41	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	105226	53.77	ug/L	99
42) Toluene	10.390	91	338201	26.78	ug/L	99
44) trans-1,3-Dichloropropene	10.610	75	106059	26.75	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	54860	26.21	ug/L	99
46) Tetrachloroethene	10.866	164	58270	26.16	ug/L	94
48) 2-Hexanone	10.969	43	84979	59.19	ug/L	99
49) Dibromochloromethane	11.128	129	61761	26.78	ug/L	99
50) 1,2-Dibromoethane	11.238	107	48657	25.30	ug/L	94
51) Chlorobenzene	11.658	112	198560	25.50	ug/L	99
52) Ethylbenzene	11.731	91	364977	26.65	ug/L	100
53) m,p-Xylene	11.841	106	138548	27.31	ug/L	99
54) o-Xylene	12.170	106	127716	27.26	ug/L	100
55) Styrene	12.182	104	229412	28.00	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	67624	26.06	ug/L	98
59) Bromoform	12.353	173	32780	25.60	ug/L	98
60) Isopropylbenzene	12.463	105	356335	26.56	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	50439	25.04	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	294944	26.92	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	295337	27.22	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	151079	26.02	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	152911	25.46	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	136610	25.68	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	10971	25.65	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	105083	25.38	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	82170	25.07	ug/L	99
71) Naphthalene	15.365	128	153575	26.06	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	72354	25.13	ug/L	98

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

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