

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051221\
 Data File : VW018979.D
 Acq On : 12 May 2021 15:43
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV103

Quant Time: May 13 02:59:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM051221SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 12 15:15:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	586089	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	527219	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	259618	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	164058	23.92	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.68%			
7) Chloroethane-d5	2.891	69	139241	24.98	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.92%			
11) 1,1-Dichloroethene-d2	4.025	63	329562	24.78	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 99.12%			
21) 2-Butanone-d5	7.080	46	77450	52.24	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.48%			
24) Chloroform-d	7.653	84	357819	24.59	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.36%			
26) 1,2-Dichloroethane-d4	8.311	65	186664	25.12	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.48%			
32) Benzene-d6	8.275	84	717152	25.41	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 101.64%			
36) 1,2-Dichloropropane-d6	9.274	67	206967	25.09	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.36%			
41) Toluene-d8	10.323	98	678423	25.89	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 103.56%			
43) trans-1,3-Dichloroprop...	10.579	79	91595	26.32	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 105.28%			
47) 2-Hexanone-d5	10.927	63	65561	54.33	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 108.66%			
56) 1,1,2,2-Tetrachloroeth...	12.694	84	163668	25.84	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 103.36%			
66) 1,2-Dichlorobenzene-d4	13.853	152	226902	26.21	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 104.84%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.013	85	114206	21.63	ug/L	96
3) Chloromethane	2.221	50	128389	24.55	ug/L	100
5) Vinyl chloride	2.367	62	209810	24.96	ug/L	96
6) Bromomethane	2.788	94	155083	23.75	ug/L	100
8) Chloroethane	2.934	64	134423	25.63	ug/L	98
9) Trichlorofluoromethane	3.269	101	145131	24.52	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	178869	24.78	ug/L	97
12) 1,1-Dichloroethene	4.044	96	179310	24.85	ug/L	88
13) Acetone	4.129	43	52238	47.63	ug/L	86
14) Carbon disulfide	4.385	76	556971	25.54	ug/L	100
15) Methyl Acetate	4.672	43	65140	26.57	ug/L	94
16) Methylene chloride	4.921	84	201564	21.27	ug/L	91
17) trans-1,2-Dichloroethene	5.427	96	196235	25.01	ug/L	96
18) Methyl tert-butyl Ether	5.427	73	245931	24.73	ug/L	97
19) 1,1-Dichloroethane	6.220	63	339290	24.88	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	205772	24.70	ug/L	96
22) 2-Butanone	7.177	43	81006	48.97	ug/L	93
23) Bromochloromethane	7.519	128	91257	24.81	ug/L	92
25) Chloroform	7.677	83	351875	24.83	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	222748	24.78	ug/L	98
29) Cyclohexane	7.958	56	298968	26.10	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	282808	25.74	ug/L	98
31) Carbon tetrachloride	8.073	117	256635	25.68	ug/L	100
33) Benzene	8.323	78	779022	25.35	ug/L	100
34) Trichloroethene	9.091	95	205393	25.46	ug/L	95
35) Methylcyclohexane	9.335	83	350738	25.79	ug/L	98
37) 1,2-Dichloropropane	9.372	63	186504	25.31	ug/L	99
38) Bromodichloromethane	9.646	83	248484	25.64	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	288633	25.72	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	187967	50.80	ug/L	93
42) Toluene	10.390	91	866112	25.82	ug/L	97
44) trans-1,3-Dichloropropene	10.609	75	250797	26.13	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	140807	25.84	ug/L	97
46) Tetrachloroethene	10.866	164	163416	25.62	ug/L	89
48) 2-Hexanone	10.969	43	129224	55.03	ug/L	93
49) Dibromochloromethane	11.128	129	160751	25.72	ug/L	92
50) 1,2-Dibromoethane	11.237	107	132885	25.39	ug/L	99
51) Chlorobenzene	11.658	112	523756	24.67	ug/L	99
52) Ethylbenzene	11.731	91	949193	25.76	ug/L	98
53) m,p-Xylene	11.841	106	358498	25.68	ug/L	95
54) o-Xylene	12.164	106	340274	25.59	ug/L	98
55) Styrene	12.182	104	585424	25.77	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	160042	25.29	ug/L	97
59) Bromoform	12.353	173	87332	26.47	ug/L	99
60) Isopropylbenzene	12.463	105	915640	26.36	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	118302	26.49	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	769099	26.84	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	785944	27.25	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	399266	25.91	ug/L	91
65) 1,4-Dichlorobenzene	13.578	146	397589	25.44	ug/L	95
67) 1,2-Dichlorobenzene	13.871	146	361700	25.98	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	24295	26.43	ug/L #	87
69) 1,3,5-Trichlorobenzene	14.627	180	299472	26.53	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	242155	26.30	ug/L	99
71) Naphthalene	15.365	128	453361	27.77	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	206438	25.69	ug/L	96

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

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