

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111621\
 Data File : VW020905.D
 Acq On : 16 Nov 2021 11:57
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.00mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025494

Quant Time: Nov 17 00:27:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 17 00:25:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	119163	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	105722	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	59105	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	36480	26.392	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 105.560%	
7) Chloroethane-d5	2.885	69	21908	24.575	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 98.320%	
11) 1,1-Dichloroethene-d2	4.025	63	65508	24.495	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 97.960%	
21) 2-Butanone-d5	7.080	46	16057	46.541	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 93.080%	
24) Chloroform-d	7.653	84	77700	25.878	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 103.520%	
26) 1,2-Dichloroethane-d4	8.311	65	38150	25.032	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 100.120%	
32) Benzene-d6	8.275	84	149776	26.880	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 107.520%	
36) 1,2-Dichloropropane-d6	9.274	67	41438	26.116	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 104.480%	
41) Toluene-d8	10.323	98	147628	26.693	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 106.760%	
43) trans-1,3-Dichloroprop...	10.579	79	19113	25.485	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 101.920%	
47) 2-Hexanone-d5	10.920	63	13501	51.304	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 102.600%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	31653	26.041	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 104.160%	
66) 1,2-Dichlorobenzene-d4	13.853	152	56937	27.028	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 108.120%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	6976	20.228	ug/L	97
3) Chloromethane	2.215	50	23984	22.875	ug/L	99
5) Vinyl chloride	2.361	62	44293	24.424	ug/L	94
6) Bromomethane	2.782	94	20319	20.206	ug/L	96
8) Chloroethane	2.922	64	17497	22.949	ug/L	95
9) Trichlorofluoromethane	3.257	101	25935	24.551	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	40112	24.978	ug/L	89
12) 1,1-Dichloroethene	4.044	96	36024	24.128	ug/L	78
13) Acetone	4.123	43	11637	37.779	ug/L	87
14) Carbon disulfide	4.385	76	89482	22.160	ug/L	97
15) Methyl Acetate	4.678	43	12660	22.918	ug/L	# 87
16) Methylene chloride	4.922	84	35688	21.474	ug/L	83
17) trans-1,2-Dichloroethene	5.428	96	39378	24.471	ug/L	80
18) Methyl tert-butyl Ether	5.434	73	59018	24.434	ug/L	93
19) 1,1-Dichloroethane	6.220	63	65123	24.425	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	42668	24.603	ug/L	71
22) 2-Butanone	7.177	43	17883	42.731	ug/L	87
23) Bromochloromethane	7.513	128	20098	25.349	ug/L	# 66
25) Chloroform	7.677	83	73216	25.124	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	42594	24.138	ug/L #	95
29) Cyclohexane	7.958	56	57284	24.304	ug/L #	85
30) 1,1,1-Trichloroethane	7.878	97	66544	26.174	ug/L	93
31) Carbon tetrachloride	8.067	117	61576	25.590	ug/L	100
33) Benzene	8.323	78	154069	25.738	ug/L	100
34) Trichloroethene	9.092	95	41655	24.879	ug/L	87
35) Methylcyclohexane	9.335	83	69301	25.105	ug/L #	85
37) 1,2-Dichloropropane	9.372	63	35339	25.367	ug/L #	95
38) Bromodichloromethane	9.646	83	52063	26.041	ug/L #	93
39) cis-1,3-Dichloropropene	10.073	75	59524	25.878	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	39071	47.120	ug/L #	91
42) Toluene	10.390	91	174911	25.978	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	51187	25.321	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	28250	26.073	ug/L	95
46) Tetrachloroethene	10.866	164	39251	25.532	ug/L	93
48) 2-Hexanone	10.969	43	27116	47.211	ug/L #	92
49) Dibromochloromethane	11.128	129	39658	26.549	ug/L	95
50) 1,2-Dibromoethane	11.237	107	27800	25.592	ug/L #	99
51) Chlorobenzene	11.658	112	116535	26.023	ug/L	93
52) Ethylbenzene	11.731	91	192911	25.856	ug/L	98
53) m,p-Xylene	11.841	106	78819	25.876	ug/L	88
54) o-Xylene	12.164	106	75034	25.649	ug/L	93
55) Styrene	12.182	104	127489	26.245	ug/L	89
57) 1,1,2,2-Tetrachloroethane	12.713	83	31157	25.945	ug/L #	99
59) Bromoform	12.353	173	22792	25.862	ug/L	99
60) Isopropylbenzene	12.463	105	206195	25.614	ug/L	95
61) 1,2,3-Trichloropropane	12.768	75	21826	25.175	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.944	105	170679	25.133	ug/L	93
63) 1,2,4-Trimethylbenzene	13.249	105	172016	25.673	ug/L	93
64) 1,3-Dichlorobenzene	13.499	146	97761	25.902	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	98459	25.861	ug/L	93
67) 1,2-Dichlorobenzene	13.871	146	85486	25.703	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	4805	23.183	ug/L #	51
69) 1,3,5-Trichlorobenzene	14.627	180	75782	25.351	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	60214	24.621	ug/L	98
71) Naphthalene	15.365	128	100931	25.328	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	51916	25.156	ug/L	95

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

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