

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120121\
 Data File : VW020996.D
 Acq On : 01 Dec 2021 08:37
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025501

Quant Time: Dec 02 01:50:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 01 00:01:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	113394	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	102208	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	55517	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	23295	17.711	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.840%
7) Chloroethane-d5	2.891	69	18322	21.598	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.400%
11) 1,1-Dichloroethene-d2	4.025	63	55757	21.909	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.640%
21) 2-Butanone-d5	7.080	46	11758	35.815	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.620%
24) Chloroform-d	7.653	84	60938	21.328	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.320%
26) 1,2-Dichloroethane-d4	8.305	65	29445	20.303	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.200%
32) Benzene-d6	8.275	84	112988	20.975	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.880%
36) 1,2-Dichloropropane-d6	9.274	67	31567	20.579	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.320%
41) Toluene-d8	10.323	98	115154	21.537	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.160%
43) trans-1,3-Dichloroprop...	10.579	79	13630	18.799	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.200%
47) 2-Hexanone-d5	10.920	63	9062	35.620	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.240%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	23772	20.230	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.920%
66) 1,2-Dichlorobenzene-d4	13.853	152	41508	20.977	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	10001	30.475	ug/L	96
3) Chloromethane	2.215	50	20943	20.990	ug/L	98
5) Vinyl chloride	2.367	62	42588	24.678	ug/L	98
6) Bromomethane	2.782	94	25926	27.093	ug/L	97
8) Chloroethane	2.928	64	19502	26.880	ug/L	95
9) Trichlorofluoromethane	3.263	101	32988	32.816	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	40324	26.387	ug/L	91
12) 1,1-Dichloroethene	4.044	96	36033	25.362	ug/L	70
13) Acetone	4.129	43	11421	38.964	ug/L	80
14) Carbon disulfide	4.385	76	84814	22.073	ug/L	99
15) Methyl Acetate	4.672	43	10700	20.355	ug/L	# 88
16) Methylene chloride	4.915	84	34814	22.013	ug/L	79
17) trans-1,2-Dichloroethene	5.428	96	36954	24.133	ug/L	81
18) Methyl tert-butyl Ether	5.428	73	51839	22.553	ug/L	92
19) 1,1-Dichloroethane	6.220	63	62796	24.750	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	40275	24.404	ug/L	75
22) 2-Butanone	7.171	43	15508	38.941	ug/L	86
23) Bromochloromethane	7.512	128	18437	24.437	ug/L	# 68
25) Chloroform	7.677	83	68935	24.858	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	40430	24.077	ug/L #	94
29) Cyclohexane	7.958	56	53961	23.681	ug/L #	83
30) 1,1,1-Trichloroethane	7.872	97	63486	25.830	ug/L	94
31) Carbon tetrachloride	8.073	117	60702	26.094	ug/L	99
33) Benzene	8.323	78	144766	25.016	ug/L	100
34) Trichloroethene	9.091	95	41756	25.797	ug/L	89
35) Methylcyclohexane	9.335	83	66076	24.759	ug/L #	85
37) 1,2-Dichloropropane	9.366	63	33436	24.826	ug/L #	97
38) Bromodichloromethane	9.646	83	48805	25.251	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	54688	24.593	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	34312	42.803	ug/L #	93
42) Toluene	10.390	91	169200	25.994	ug/L	96
44) trans-1,3-Dichloropropene	10.610	75	46987	24.043	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	25887	24.714	ug/L	97
46) Tetrachloroethene	10.866	164	37966	25.546	ug/L	94
48) 2-Hexanone	10.969	43	24213	43.606	ug/L #	94
49) Dibromochloromethane	11.128	129	33462	23.172	ug/L	93
50) 1,2-Dibromoethane	11.237	107	25130	23.929	ug/L #	94
51) Chlorobenzene	11.658	112	110017	25.412	ug/L	93
52) Ethylbenzene	11.731	91	187117	25.942	ug/L	98
53) m,p-Xylene	11.835	106	76015	25.813	ug/L	83
54) o-Xylene	12.164	106	71761	25.373	ug/L	91
55) Styrene	12.182	104	120075	25.569	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.713	83	27466	23.658	ug/L #	96
59) Bromoform	12.347	173	18495	22.343	ug/L	99
60) Isopropylbenzene	12.463	105	201250	26.615	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	20167	24.765	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.938	105	170542	26.736	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	165550	26.305	ug/L	95
64) 1,3-Dichlorobenzene	13.499	146	92421	26.070	ug/L	94
65) 1,4-Dichlorobenzene	13.578	146	91094	25.473	ug/L	95
67) 1,2-Dichlorobenzene	13.871	146	79586	25.476	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	4153	21.332	ug/L #	71
69) 1,3,5-Trichlorobenzene	14.621	180	66507	23.686	ug/L	93
70) 1,2,4-trichlorobenzene	15.127	180	52924	23.039	ug/L	99
71) Naphthalene	15.365	128	87488	23.374	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	47482	24.495	ug/L	96

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

