

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
 Data File : VW021556.D
 Acq On : 22 Dec 2021 10:25
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025525

Quant Time: Dec 23 00:31:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 22 02:57:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	111087	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	111623	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	68806	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	39572	19.559	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.240%
7) Chloroethane-d5	2.885	69	30709	22.960	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.840%
11) 1,1-Dichloroethene-d2	4.019	63	68601	25.433	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.720%
21) 2-Butanone-d5	7.080	46	19551	68.555	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.100%#
24) Chloroform-d	7.647	84	83982	27.128	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.520%
26) 1,2-Dichloroethane-d4	8.305	65	44460	26.999	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.000%
32) Benzene-d6	8.274	84	152016	24.845	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	9.274	67	41990	25.590	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.360%
41) Toluene-d8	10.323	98	153017	24.477	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.920%
43) trans-1,3-Dichloroprop...	10.579	79	20078	26.574	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.280%
47) 2-Hexanone-d5	10.920	63	16737	68.978	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.960%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	39660	28.116	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.480%
66) 1,2-Dichlorobenzene-d4	13.853	152	61535	23.076	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.320%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	10577	24.643	ug/L	98
3) Chloromethane	2.215	50	29055	20.447	ug/L	100
5) Vinyl chloride	2.361	62	46434	20.816	ug/L	97
6) Bromomethane	2.776	94	29208	20.186	ug/L	100
8) Chloroethane	2.916	64	24065	23.417	ug/L	96
9) Trichlorofluoromethane	3.257	101	33927	28.824	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	39577	25.801	ug/L	91
12) 1,1-Dichloroethene	4.044	96	34640	25.157	ug/L	71
13) Acetone	4.123	43	16724	65.414	ug/L	96
14) Carbon disulfide	4.379	76	77972	21.927	ug/L	99
15) Methyl Acetate	4.672	43	13170	29.855	ug/L	# 88
16) Methylene chloride	4.915	84	38209	20.816	ug/L	84
17) trans-1,2-Dichloroethene	5.427	96	36797	24.681	ug/L	79
18) Methyl tert-butyl Ether	5.421	73	58194	28.261	ug/L	94
19) 1,1-Dichloroethane	6.220	63	60782	25.980	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	40275	25.611	ug/L	81
22) 2-Butanone	7.171	43	21235	63.601	ug/L	87
23) Bromochloromethane	7.512	128	18349	24.955	ug/L	# 66
25) Chloroform	7.677	83	70567	25.983	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	45682	26.561	ug/L #	94
29) Cyclohexane	7.957	56	53269	23.976	ug/L #	80
30) 1,1,1-Trichloroethane	7.872	97	63763	25.459	ug/L	95
31) Carbon tetrachloride	8.067	117	59337	25.683	ug/L	100
33) Benzene	8.323	78	144581	23.777	ug/L	100
34) Trichloroethene	9.091	95	42116	24.673	ug/L	92
35) Methylcyclohexane	9.335	83	66522	23.625	ug/L #	84
37) 1,2-Dichloropropane	9.372	63	34171	25.194	ug/L #	96
38) Bromodichloromethane	9.646	83	50322	26.984	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	56656	26.499	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	42704	57.783	ug/L #	90
42) Toluene	10.390	91	171810	24.159	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	50982	27.224	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	29872	26.908	ug/L	96
46) Tetrachloroethene	10.859	164	39159	24.149	ug/L	88
48) 2-Hexanone	10.969	43	33446	62.406	ug/L #	92
49) Dibromochloromethane	11.128	129	36985	27.025	ug/L	100
50) 1,2-Dibromoethane	11.231	107	29340	26.557	ug/L	93
51) Chlorobenzene	11.658	112	111477	23.413	ug/L	94
52) Ethylbenzene	11.731	91	194963	23.990	ug/L	95
53) m,p-Xylene	11.835	106	78037	23.803	ug/L	85
54) o-Xylene	12.164	106	74625	23.985	ug/L	90
55) Styrene	12.182	104	131095	24.757	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.713	83	34483	27.097	ug/L #	99
59) Bromoform	12.347	173	21223	25.923	ug/L	98
60) Isopropylbenzene	12.463	105	214128	22.903	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	25617	25.581	ug/L #	93
62) 1,3,5-Trimethylbenzene	12.944	105	181383	22.799	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	178285	22.717	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	99675	22.602	ug/L	92
65) 1,4-Dichlorobenzene	13.578	146	97706	22.300	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	92156	23.737	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.487	75	5175	25.054	ug/L #	64
69) 1,3,5-Trichlorobenzene	14.627	180	74305	22.544	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	61581	23.228	ug/L	99
71) Naphthalene	15.359	128	108214	25.125	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	53341	24.346	ug/L	95

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

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