

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW113021\
 Data File : VW020994.D
 Acq On : 30 Nov 2021 18:58
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025500

Quant Time: Dec 01 00:03:22 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	8.841	114	104240	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.633	117	96067	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	52412	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	22670	18.749	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.000%
7) Chloroethane-d5	2.891	69	19655	25.205	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.800%
11) 1,1-Dichloroethene-d2	4.025	63	54102	23.126	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.520%
21) 2-Butanone-d5	7.079	46	13162	43.612	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.220%
24) Chloroform-d	7.652	84	64644	24.612	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.440%
26) 1,2-Dichloroethane-d4	8.305	65	31893	23.923	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.680%
32) Benzene-d6	8.274	84	122540	24.202	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	9.274	67	33667	23.351	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.400%
41) Toluene-d8	10.323	98	122521	24.380	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.520%
43) trans-1,3-Dichloroprop...	10.579	79	14560	21.365	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.480%
47) 2-Hexanone-d5	10.926	63	10835	45.311	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.620%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	25740	23.305	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	13.853	152	42960	22.997	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.000%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.013	85	7162	23.740	ug/L	92
3) Chloromethane	2.221	50	18771	20.466	ug/L	100
5) Vinyl chloride	2.361	62	38200	24.079	ug/L	98
6) Bromomethane	2.787	94	23805	27.061	ug/L	96
8) Chloroethane	2.928	64	18311	27.455	ug/L	98
9) Trichlorofluoromethane	3.263	101	26367	28.533	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	37021	26.353	ug/L	90
12) 1,1-Dichloroethene	4.043	96	32683	25.024	ug/L	82
13) Acetone	4.117	43	11461	42.534	ug/L	90
14) Carbon disulfide	4.391	76	76247	21.586	ug/L	99
15) Methyl Acetate	4.677	43	11402	23.596	ug/L	# 88
16) Methylene chloride	4.921	84	34845	23.968	ug/L	87
17) trans-1,2-Dichloroethene	5.433	96	34271	24.347	ug/L	83
18) Methyl tert-butyl Ether	5.433	73	51668	24.453	ug/L	94
19) 1,1-Dichloroethane	6.220	63	58768	25.197	ug/L	98
20) cis-1,2-Dichloroethene	7.177	96	38768	25.554	ug/L	70
22) 2-Butanone	7.171	43	15661	42.778	ug/L	85
23) Bromochloromethane	7.518	128	17765	25.614	ug/L	# 66
25) Chloroform	7.677	83	66810	26.208	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	39262	25.435	ug/L #	95
29) Cyclohexane	7.957	56	50922	23.776	ug/L #	83
30) 1,1,1-Trichloroethane	7.878	97	59979	25.963	ug/L	94
31) Carbon tetrachloride	8.073	117	57089	26.109	ug/L	97
33) Benzene	8.329	78	137953	25.362	ug/L	100
34) Trichloroethene	9.091	95	39400	25.897	ug/L	93
35) Methylcyclohexane	9.335	83	61686	24.592	ug/L #	85
37) 1,2-Dichloropropane	9.372	63	32523	25.692	ug/L #	96
38) Bromodichloromethane	9.646	83	46191	25.426	ug/L #	99
39) cis-1,3-Dichloropropene	10.073	75	51725	24.748	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	36065	47.866	ug/L #	94
42) Toluene	10.390	91	155613	25.435	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	45046	24.523	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	25251	25.647	ug/L	93
46) Tetrachloroethene	10.865	164	35075	25.109	ug/L	95
48) 2-Hexanone	10.969	43	24639	47.209	ug/L #	92
49) Dibromochloromethane	11.127	129	33304	24.536	ug/L	93
50) 1,2-Dibromoethane	11.237	107	25319	25.650	ug/L #	98
51) Chlorobenzene	11.658	112	106775	26.240	ug/L	92
52) Ethylbenzene	11.731	91	178448	26.322	ug/L	97
53) m,p-Xylene	11.835	106	71826	25.950	ug/L	88
54) o-Xylene	12.164	106	68814	25.887	ug/L	90
55) Styrene	12.182	104	113641	25.746	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.713	83	28189	25.832	ug/L #	97
59) Bromoform	12.353	173	17520	22.419	ug/L	97
60) Isopropylbenzene	12.463	105	188878	26.459	ug/L	95
61) 1,2,3-Trichloropropane	12.767	75	20011	26.029	ug/L #	90
62) 1,3,5-Trimethylbenzene	12.938	105	160406	26.636	ug/L	93
63) 1,2,4-Trimethylbenzene	13.249	105	157465	26.502	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	90826	27.137	ug/L	93
65) 1,4-Dichlorobenzene	13.578	146	86978	25.763	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	78283	26.543	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.480	75	4348	23.657	ug/L	87
69) 1,3,5-Trichlorobenzene	14.627	180	63653	24.012	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	52506	24.211	ug/L	97
71) Naphthalene	15.365	128	84744	23.982	ug/L	99
72) 1,2,3-Trichlorobenzene	15.553	180	44185	24.144	ug/L	95

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

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