

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
 Data File : VW021055.D
 Acq On : 02 Dec 2021 20:12
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025505

Quant Time: Dec 03 02:27:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 03 01:25:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	96234	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	87396	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	53189	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	27173	24.343	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.360%
7) Chloroethane-d5	2.885	69	21097	29.304	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.200%
11) 1,1-Dichloroethene-d2	4.019	63	48059	22.252	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.000%
21) 2-Butanone-d5	7.074	46	18544	66.557	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.120%
24) Chloroform-d	7.647	84	68945	28.434	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	113.720%
26) 1,2-Dichloroethane-d4	8.305	65	37395	30.383	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	121.520%
32) Benzene-d6	8.275	84	126547	27.473	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.880%
36) 1,2-Dichloropropane-d6	9.274	67	36632	27.928	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.720%
41) Toluene-d8	10.323	98	124538	27.240	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.960%
43) trans-1,3-Dichloroprop...	10.579	79	16951	27.341	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.360%
47) 2-Hexanone-d5	10.920	63	15448	71.012	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	142.020%#
56) 1,1,2,2-Tetrachloroeth...	12.694	84	34539	34.374	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	137.480%#
66) 1,2-Dichlorobenzene-d4	13.853	152	50719	26.754	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.000%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	11588	41.607	ug/L	97
3) Chloromethane	2.215	50	21808	25.755	ug/L	99
5) Vinyl chloride	2.361	62	40957	27.965	ug/L	99
6) Bromomethane	2.776	94	27720	34.133	ug/L	97
8) Chloroethane	2.916	64	17881	29.041	ug/L	95
9) Trichlorofluoromethane	3.251	101	16501	19.342	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	33672	25.964	ug/L	92
12) 1,1-Dichloroethene	4.037	96	29582	24.534	ug/L	79
13) Acetone	4.117	43	12383	49.779	ug/L	91
14) Carbon disulfide	4.385	76	65895	20.207	ug/L	97
15) Methyl Acetate	4.665	43	12682	28.428	ug/L	# 87
16) Methylene chloride	4.921	84	31939	23.797	ug/L	80
17) trans-1,2-Dichloroethene	5.415	96	31043	23.888	ug/L	88
18) Methyl tert-butyl Ether	5.421	73	53542	27.448	ug/L	94
19) 1,1-Dichloroethane	6.214	63	54896	25.495	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	36297	25.916	ug/L	78
22) 2-Butanone	7.171	43	18254	54.009	ug/L	88
23) Bromochloromethane	7.512	128	17633	27.539	ug/L	# 69
25) Chloroform	7.677	83	63115	26.818	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	41423	29.067	ug/L	97
29) Cyclohexane	7.951	56	45293	23.246	ug/L #	82
30) 1,1,1-Trichloroethane	7.866	97	53632	25.519	ug/L	94
31) Carbon tetrachloride	8.067	117	49282	24.775	ug/L	100
33) Benzene	8.323	78	127761	25.819	ug/L	100
34) Trichloroethene	9.091	95	36358	26.269	ug/L	88
35) Methylcyclohexane	9.329	83	53375	23.390	ug/L	86
37) 1,2-Dichloropropane	9.366	63	31378	27.246	ug/L #	96
38) Bromodichloromethane	9.640	83	45413	27.478	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	51689	27.184	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	41771	60.939	ug/L #	92
42) Toluene	10.384	91	147302	26.465	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	46106	27.590	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	27136	30.297	ug/L	93
46) Tetrachloroethene	10.859	164	31580	24.850	ug/L	88
48) 2-Hexanone	10.963	43	29130	61.352	ug/L #	92
49) Dibromochloromethane	11.128	129	33854	27.416	ug/L	90
50) 1,2-Dibromoethane	11.231	107	26857	29.908	ug/L #	97
51) Chlorobenzene	11.652	112	101031	27.292	ug/L	92
52) Ethylbenzene	11.731	91	169688	27.513	ug/L	98
53) m,p-Xylene	11.835	106	67688	26.881	ug/L	87
54) o-Xylene	12.164	106	65855	27.232	ug/L	99
55) Styrene	12.176	104	111178	27.687	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	31970	32.204	ug/L #	95
59) Bromoform	12.347	173	18644	23.509	ug/L	100
60) Isopropylbenzene	12.463	105	178966	24.704	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	23969	30.722	ug/L	94
62) 1,3,5-Trimethylbenzene	12.938	105	151710	24.824	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	151088	25.057	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	84164	24.780	ug/L	94
65) 1,4-Dichlorobenzene	13.578	146	89875	26.232	ug/L	93
67) 1,2-Dichlorobenzene	13.871	146	77770	25.984	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.481	75	5163	27.680	ug/L #	76
69) 1,3,5-Trichlorobenzene	14.627	180	65640	24.400	ug/L	95
70) 1,2,4-trichlorobenzene	15.133	180	54659	24.836	ug/L	95
71) Naphthalene	15.359	128	101561	28.321	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	46239	24.898	ug/L	97

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

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