

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
 Data File : VW021512.D
 Acq On : 20 Dec 2021 20:52
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025521

Quant Time: Dec 20 21:33:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 18 00:55:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	149691	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	145776	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	87539	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	47838	17.547	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.200%
7) Chloroethane-d5	2.885	69	34004	18.867	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.480%
11) 1,1-Dichloroethene-d2	4.019	63	89294	24.568	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.280%
21) 2-Butanone-d5	7.086	46	21741	56.574	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.140%
24) Chloroform-d	7.653	84	105889	25.384	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.520%
26) 1,2-Dichloroethane-d4	8.305	65	55176	24.866	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.480%
32) Benzene-d6	8.275	84	197303	24.692	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.760%
36) 1,2-Dichloropropane-d6	9.274	67	54542	25.452	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.800%
41) Toluene-d8	10.323	98	196909	24.119	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.480%
43) trans-1,3-Dichloroprop...	10.579	79	24710	25.043	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.160%
47) 2-Hexanone-d5	10.927	63	18222	57.504	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.000%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	45559	24.731	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.920%
66) 1,2-Dichlorobenzene-d4	13.853	152	77307	22.787	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.160%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	9165	15.846	ug/L	98
3) Chloromethane	2.209	50	33646	17.572	ug/L	96
5) Vinyl chloride	2.361	62	51309	17.069	ug/L	96
6) Bromomethane	2.782	94	30529	15.658	ug/L	97
8) Chloroethane	2.922	64	24326	17.566	ug/L	97
9) Trichlorofluoromethane	3.257	101	37856	23.868	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	46904	22.692	ug/L	90
12) 1,1-Dichloroethene	4.038	96	41862	22.561	ug/L	83
13) Acetone	4.141	43	15154	43.987	ug/L	93
14) Carbon disulfide	4.385	76	98392	20.534	ug/L	99
15) Methyl Acetate	4.678	43	14745	24.805	ug/L	# 88
16) Methylene chloride	4.915	84	48896	19.769	ug/L	82
17) trans-1,2-Dichloroethene	5.434	96	44608	22.204	ug/L	81
18) Methyl tert-butyl Ether	5.428	73	70592	25.441	ug/L	93
19) 1,1-Dichloroethane	6.220	63	74696	23.694	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	49439	23.331	ug/L	73
22) 2-Butanone	7.177	43	20957	46.581	ug/L	85
23) Bromochloromethane	7.513	128	22783	22.994	ug/L	# 66
25) Chloroform	7.677	83	85404	23.336	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	53442	23.060	ug/L	96
29) Cyclohexane	7.958	56	65651	22.626	ug/L #	81
30) 1,1,1-Trichloroethane	7.872	97	77715	23.760	ug/L	94
31) Carbon tetrachloride	8.067	117	70696	23.430	ug/L	100
33) Benzene	8.323	78	178336	22.457	ug/L	100
34) Trichloroethene	9.092	95	50407	22.612	ug/L	88
35) Methylcyclohexane	9.335	83	81525	22.170	ug/L #	84
37) 1,2-Dichloropropane	9.372	63	40943	23.114	ug/L #	96
38) Bromodichloromethane	9.646	83	59088	24.261	ug/L #	97
39) cis-1,3-Dichloropropene	10.073	75	67296	24.101	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	45860	47.516	ug/L #	90
42) Toluene	10.390	91	208156	22.412	ug/L	97
44) trans-1,3-Dichloropropene	10.610	75	58563	23.946	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	33873	23.364	ug/L	93
46) Tetrachloroethene	10.860	164	44587	21.055	ug/L	91
48) 2-Hexanone	10.969	43	32705	46.727	ug/L #	91
49) Dibromochloromethane	11.134	129	41309	23.113	ug/L	95
50) 1,2-Dibromoethane	11.238	107	33390	23.142	ug/L #	96
51) Chlorobenzene	11.658	112	138202	22.226	ug/L	93
52) Ethylbenzene	11.731	91	232763	21.931	ug/L	97
53) m,p-Xylene	11.841	106	95103	22.212	ug/L	84
54) o-Xylene	12.164	106	91569	22.535	ug/L	89
55) Styrene	12.182	104	154937	22.404	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.713	83	37807	22.749	ug/L #	93
59) Bromoform	12.347	173	22164	21.279	ug/L	99
60) Isopropylbenzene	12.463	105	256184	21.537	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	27787	21.810	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.945	105	213982	21.141	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	219922	22.025	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	117373	20.920	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	117905	21.152	ug/L	86
67) 1,2-Dichlorobenzene	13.865	146	101339	20.516	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	5665	21.557	ug/L #	69
69) 1,3,5-Trichlorobenzene	14.627	180	85186	20.314	ug/L	94
70) 1,2,4-trichlorobenzene	15.127	180	73522	21.798	ug/L	93
71) Naphthalene	15.365	128	136275	24.869	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	59120	21.209	ug/L	97

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

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