

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122521\
 Data File : VW021658.D
 Acq On : 25 Dec 2021 20:10
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025531

Quant Time: Dec 27 00:42:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 24 01:43:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	114172	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	116756	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	73355	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	42223	20.306	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.240%
7) Chloroethane-d5	2.879	69	29964	21.798	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	4.019	63	68256	24.622	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.480%
21) 2-Butanone-d5	7.092	46	19479	66.457	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.920%
24) Chloroform-d	7.653	84	88137	27.701	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.800%
26) 1,2-Dichloroethane-d4	8.305	65	49127	29.027	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.120%
32) Benzene-d6	8.275	84	163806	25.595	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.400%
36) 1,2-Dichloropropane-d6	9.275	67	46671	27.192	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.760%
41) Toluene-d8	10.323	98	162259	24.814	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.240%
43) trans-1,3-Dichloroprop...	10.579	79	21983	27.816	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	111.280%
47) 2-Hexanone-d5	10.927	63	17371	68.443	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.880%#
56) 1,1,2,2-Tetrachloroeth...	12.689	84	43404	29.418	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.680%
66) 1,2-Dichlorobenzene-d4	13.853	152	71597	25.184	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.720%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	10933	24.784	ug/L	98
3) Chloromethane	2.209	50	28289	19.370	ug/L	100
5) Vinyl chloride	2.355	62	39748	17.337	ug/L	95
6) Bromomethane	2.776	94	26471	17.800	ug/L	97
8) Chloroethane	2.916	64	19623	18.578	ug/L	99
9) Trichlorofluoromethane	3.251	101	24952	20.626	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	36264	23.002	ug/L	91
12) 1,1-Dichloroethene	4.044	96	32848	23.211	ug/L	75
13) Acetone	4.147	43	12227	46.532	ug/L	95
14) Carbon disulfide	4.379	76	67606	18.498	ug/L	99
15) Methyl Acetate	4.684	43	13659	30.127	ug/L	# 86
16) Methylene chloride	4.922	84	37482	19.868	ug/L	82
17) trans-1,2-Dichloroethene	5.428	96	35395	23.099	ug/L	83
18) Methyl tert-butyl Ether	5.434	73	63502	30.006	ug/L	93
19) 1,1-Dichloroethane	6.220	63	61663	25.645	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	40235	24.895	ug/L	73
22) 2-Butanone	7.184	43	18322	53.393	ug/L	83
23) Bromochloromethane	7.513	128	20003	26.469	ug/L	# 65
25) Chloroform	7.677	83	73892	26.472	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	47253	26.732	ug/L	99
29) Cyclohexane	7.958	56	46921	20.190	ug/L #	78
30) 1,1,1-Trichloroethane	7.866	97	61221	23.370	ug/L	94
31) Carbon tetrachloride	8.067	117	54699	22.635	ug/L	99
33) Benzene	8.330	78	141085	22.182	ug/L	100
34) Trichloroethene	9.092	95	40398	22.626	ug/L	90
35) Methylcyclohexane	9.336	83	59695	20.269	ug/L #	84
37) 1,2-Dichloropropane	9.366	63	34944	24.631	ug/L #	94
38) Bromodichloromethane	9.646	83	51849	26.581	ug/L #	99
39) cis-1,3-Dichloropropene	10.073	75	58306	26.072	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	43444	56.200	ug/L #	90
42) Toluene	10.390	91	169989	22.852	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	51798	26.444	ug/L	99
45) 1,1,2-Trichloroethane	10.787	97	31596	27.210	ug/L	92
46) Tetrachloroethene	10.866	164	36536	21.541	ug/L	85
48) 2-Hexanone	10.969	43	30012	53.537	ug/L #	91
49) Dibromochloromethane	11.128	129	39368	27.501	ug/L	95
50) 1,2-Dibromoethane	11.232	107	31191	26.991	ug/L #	94
51) Chlorobenzene	11.652	112	116040	23.300	ug/L	89
52) Ethylbenzene	11.731	91	195561	23.006	ug/L	98
53) m,p-Xylene	11.835	106	78987	23.034	ug/L	85
54) o-Xylene	12.164	106	77731	23.884	ug/L	100
55) Styrene	12.177	104	132111	23.852	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	36835	27.673	ug/L #	96
59) Bromoform	12.347	173	21459	24.586	ug/L	100
60) Isopropylbenzene	12.463	105	213275	21.397	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	26706	25.015	ug/L #	90
62) 1,3,5-Trimethylbenzene	12.939	105	184104	21.706	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	183753	21.961	ug/L	94
64) 1,3-Dichlorobenzene	13.499	146	103704	22.058	ug/L	88
65) 1,4-Dichlorobenzene	13.579	146	103060	22.063	ug/L	90
67) 1,2-Dichlorobenzene	13.865	146	93315	22.545	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	5583	25.353	ug/L #	67
69) 1,3,5-Trichlorobenzene	14.627	180	74532	21.210	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	64267	22.738	ug/L	96
71) Naphthalene	15.359	128	131953	28.736	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	55966	23.960	ug/L	99

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

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