

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121221\
 Data File : VW021352.D
 Acq On : 12 Dec 2021 05:34
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025599

Quant Time: Dec 13 03:24:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 10 23:12:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	90594	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	88664	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	52240	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	40186	24.356	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.440%
7) Chloroethane-d5	2.879	69	29325	26.885	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.560%
11) 1,1-Dichloroethene-d2	4.025	63	51002	23.186	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.760%
21) 2-Butanone-d5	7.074	46	14742	63.385	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.780%
24) Chloroform-d	7.647	84	64714	25.633	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.520%
26) 1,2-Dichloroethane-d4	8.305	65	33770	25.146	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	8.275	84	120381	24.770	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.080%
36) 1,2-Dichloropropane-d6	9.274	67	33658	25.823	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.280%
41) Toluene-d8	10.323	98	119775	24.121	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.480%
43) trans-1,3-Dichloroprop...	10.579	79	15289	25.476	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.920%
47) 2-Hexanone-d5	10.921	63	12248	63.548	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.100%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	33455	29.859	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.440%
66) 1,2-Dichlorobenzene-d4	13.853	152	46831	23.131	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.520%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	8921	25.486	ug/L	99
3) Chloromethane	2.215	50	24304	20.973	ug/L	100
5) Vinyl chloride	2.361	62	43179	23.735	ug/L	95
6) Bromomethane	2.776	94	30497	25.845	ug/L	100
8) Chloroethane	2.916	64	21705	25.898	ug/L	99
9) Trichlorofluoromethane	3.257	101	20274	21.121	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	30234	24.169	ug/L	91
12) 1,1-Dichloroethene	4.044	96	26918	23.971	ug/L	75
13) Acetone	4.123	43	9785	46.931	ug/L	95
14) Carbon disulfide	4.379	76	76074	26.233	ug/L	98
15) Methyl Acetate	4.672	43	10868	30.210	ug/L	# 88
16) Methylene chloride	4.916	84	32867	21.956	ug/L	79
17) trans-1,2-Dichloroethene	5.428	96	30000	24.674	ug/L	84
18) Methyl tert-butyl Ether	5.428	73	45236	26.938	ug/L	93
19) 1,1-Dichloroethane	6.214	63	48519	25.430	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	33100	25.810	ug/L	74
22) 2-Butanone	7.171	43	14824	54.443	ug/L	87
23) Bromochloromethane	7.513	128	16088	26.829	ug/L	# 67
25) Chloroform	7.677	83	58022	26.197	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	37178	26.507	ug/L #	95
29) Cyclohexane	7.958	56	38332	21.721	ug/L #	78
30) 1,1,1-Trichloroethane	7.872	97	49242	24.753	ug/L	94
31) Carbon tetrachloride	8.067	117	47248	25.746	ug/L	98
33) Benzene	8.323	78	117830	24.395	ug/L	100
34) Trichloroethene	9.092	95	32288	23.814	ug/L	80
35) Methylcyclohexane	9.335	83	49584	22.170	ug/L #	82
37) 1,2-Dichloropropane	9.372	63	26972	25.035	ug/L #	95
38) Bromodichloromethane	9.640	83	43071	29.076	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	43863	25.828	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	34227	58.305	ug/L #	92
42) Toluene	10.384	91	134973	23.894	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	39487	26.546	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	24478	27.759	ug/L	94
46) Tetrachloroethene	10.866	164	29412	22.835	ug/L	91
48) 2-Hexanone	10.969	43	24257	56.981	ug/L #	96
49) Dibromochloromethane	11.128	129	33574	30.885	ug/L	92
50) 1,2-Dibromoethane	11.231	107	24084	27.445	ug/L	99
51) Chlorobenzene	11.658	112	90986	24.058	ug/L	91
52) Ethylbenzene	11.731	91	149335	23.134	ug/L	97
53) m,p-Xylene	11.841	106	60309	23.159	ug/L	81
54) o-Xylene	12.164	106	58664	23.737	ug/L	94
55) Styrene	12.176	104	102539	24.378	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	29225	28.912	ug/L #	95
59) Bromoform	12.347	173	21596	34.744	ug/L	100
60) Isopropylbenzene	12.463	105	158390	22.314	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	20391	26.820	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.938	105	137987	22.844	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	133716	22.441	ug/L	94
64) 1,3-Dichlorobenzene	13.499	146	78948	23.579	ug/L	89
65) 1,4-Dichlorobenzene	13.579	146	81642	24.543	ug/L	88
67) 1,2-Dichlorobenzene	13.865	146	70389	23.879	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	4792	30.557	ug/L #	65
69) 1,3,5-Trichlorobenzene	14.621	180	54580	21.811	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	45036	22.375	ug/L	87
71) Naphthalene	15.359	128	81335	24.872	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	38475	23.130	ug/L	95

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

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