

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
 Data File : VW020446.D
 Acq On : 11 Oct 2021 16:40
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025028

Quant Time: Oct 12 01:26:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Oct 12 01:21:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	271544	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	249878	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	124110	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	77404	19.590	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.360%
7) Chloroethane-d5	2.879	69	46302	22.184	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.720%
11) 1,1-Dichloroethene-d2	4.019	63	176350	21.781	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.120%
21) 2-Butanone-d5	7.086	46	59078	49.129	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.260%
24) Chloroform-d	7.653	84	187386	21.649	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.600%
26) 1,2-Dichloroethane-d4	8.305	65	107206	21.686	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.760%
32) Benzene-d6	8.274	84	357939	21.777	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.120%
36) 1,2-Dichloropropane-d6	9.274	67	116189	21.690	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.760%
41) Toluene-d8	10.323	98	324973	22.035	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.160%
43) trans-1,3-Dichloroprop...	10.579	79	51244	23.540	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.160%
47) 2-Hexanone-d5	10.926	63	42967	52.140	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.280%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	91214	22.526	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.120%
66) 1,2-Dichlorobenzene-d4	13.853	152	109059	22.463	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	41278	23.524	ug/L	99
3) Chloromethane	2.208	50	78630	21.551	ug/L	98
5) Vinyl chloride	2.355	62	115409	22.489	ug/L	97
6) Bromomethane	2.775	94	49730	22.312	ug/L	91
8) Chloroethane	2.916	64	45611	24.071	ug/L	96
9) Trichlorofluoromethane	3.251	101	64212	21.992	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	96147	23.090	ug/L	99
12) 1,1-Dichloroethene	4.037	96	90517	23.709	ug/L	95
13) Acetone	4.135	43	58222	52.737	ug/L	99
14) Carbon disulfide	4.379	76	274218	22.081	ug/L	100
15) Methyl Acetate	4.678	43	49930	24.354	ug/L	99
16) Methylene chloride	4.921	84	111663	21.153	ug/L	95
17) trans-1,2-Dichloroethene	5.421	96	93536	23.351	ug/L	99
18) Methyl tert-butyl Ether	5.433	73	153227	27.151	ug/L	99
19) 1,1-Dichloroethane	6.220	63	192708	23.467	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	102138	24.532	ug/L	99
22) 2-Butanone	7.177	43	73638	53.285	ug/L	99
23) Bromochloromethane	7.518	128	43371	23.751	ug/L	97
25) Chloroform	7.677	83	186159	23.319	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	129140	23.651	ug/L	98
29) Cyclohexane	7.957	56	185691	25.383	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	148231	23.879	ug/L	98
31) Carbon tetrachloride	8.067	117	126786	23.231	ug/L	99
33) Benzene	8.323	78	413424	23.229	ug/L	100
34) Trichloroethene	9.091	95	102446	23.365	ug/L	98
35) Methylcyclohexane	9.335	83	184577	24.599	ug/L	99
37) 1,2-Dichloropropane	9.372	63	106150	23.031	ug/L	99
38) Bromodichloromethane	9.646	83	129969	23.519	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	162147	25.499	ug/L	97
40) 4-Methyl-2-pentanone	10.213	43	146582	52.988	ug/L	99
42) Toluene	10.390	91	430383	24.108	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	142245	25.374	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	71459	24.147	ug/L	98
46) Tetrachloroethene	10.865	164	72822	23.123	ug/L	94
48) 2-Hexanone	10.969	43	113229	55.788	ug/L	98
49) Dibromochloromethane	11.128	129	78998	24.231	ug/L	99
50) 1,2-Dibromoethane	11.237	107	68057	25.037	ug/L	94
51) Chlorobenzene	11.658	112	257754	23.414	ug/L	98
52) Ethylbenzene	11.731	91	484520	25.029	ug/L	97
53) m,p-Xylene	11.841	106	178151	24.837	ug/L	100
54) o-Xylene	12.164	106	167420	25.274	ug/L	96
55) Styrene	12.182	104	296873	25.632	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	88732	24.187	ug/L	99
59) Bromoform	12.347	173	43632	25.095	ug/L	99
60) Isopropylbenzene	12.463	105	470247	25.815	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	67894	24.831	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	403490	27.129	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	399553	27.121	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	198433	25.176	ug/L	100
65) 1,4-Dichlorobenzene	13.578	146	194775	23.892	ug/L	95
67) 1,2-Dichlorobenzene	13.871	146	173828	24.073	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	14686	25.287	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	138240	24.597	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	117984	26.512	ug/L	99
71) Naphthalene	15.365	128	237860	29.728	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	99691	25.505	ug/L	96

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

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