

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121721\
 Data File : VW021420.D
 Acq On : 17 Dec 2021 09:20
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025515

Quant Time: Dec 17 15:15:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 17 00:58:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	96954	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	97346	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	58744	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	44811	25.377	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 101.520%	
7) Chloroethane-d5	2.879	69	30522	26.147	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 104.600%	
11) 1,1-Dichloroethene-d2	4.013	63	56130	23.843	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 95.360%	
21) 2-Butanone-d5	7.074	46	14168	56.921	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 113.840%	
24) Chloroform-d	7.647	84	71317	26.395	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 105.600%	
26) 1,2-Dichloroethane-d4	8.299	65	37248	25.917	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 103.680%	
32) Benzene-d6	8.269	84	128803	24.139	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 96.560%	
36) 1,2-Dichloropropane-d6	9.268	67	36449	25.471	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 101.880%	
41) Toluene-d8	10.323	98	130148	23.872	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 95.480%	
43) trans-1,3-Dichloroprop...	10.573	79	16284	24.714	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 98.840%	
47) 2-Hexanone-d5	10.921	63	12052	56.954	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 113.900%	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	34216	27.814	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 111.240%	
66) 1,2-Dichlorobenzene-d4	13.847	152	54715	24.033	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 96.120%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	12375	33.035	ug/L	98
3) Chloromethane	2.209	50	31892	25.715	ug/L	99
5) Vinyl chloride	2.355	62	54960	28.229	ug/L	98
6) Bromomethane	2.770	94	34889	27.627	ug/L	92
8) Chloroethane	2.910	64	24840	27.694	ug/L	98
9) Trichlorofluoromethane	3.251	101	27085	26.366	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	36809	27.494	ug/L	90
12) 1,1-Dichloroethene	4.032	96	32665	27.180	ug/L	80
13) Acetone	4.117	43	9919	44.453	ug/L	93
14) Carbon disulfide	4.379	76	81759	26.344	ug/L	98
15) Methyl Acetate	4.666	43	10701	27.794	ug/L	# 87
16) Methylene chloride	4.903	84	33543	20.938	ug/L	83
17) trans-1,2-Dichloroethene	5.422	96	34613	26.600	ug/L	81
18) Methyl tert-butyl Ether	5.422	73	46248	25.734	ug/L	93
19) 1,1-Dichloroethane	6.208	63	55652	27.255	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	37095	27.028	ug/L	72
22) 2-Butanone	7.165	43	14429	49.516	ug/L	85
23) Bromochloromethane	7.507	128	17911	27.910	ug/L	# 65
25) Chloroform	7.671	83	64391	27.165	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	41294	27.510	ug/L	96
29) Cyclohexane	7.952	56	48937	25.257	ug/L #	79
30) 1,1,1-Trichloroethane	7.872	97	55895	25.591	ug/L	94
31) Carbon tetrachloride	8.067	117	53501	26.553	ug/L	99
33) Benzene	8.317	78	136655	25.770	ug/L	100
34) Trichloroethene	9.086	95	38260	25.702	ug/L	91
35) Methylcyclohexane	9.329	83	62590	25.489	ug/L #	83
37) 1,2-Dichloropropane	9.366	63	31003	26.210	ug/L #	95
38) Bromodichloromethane	9.640	83	46135	28.367	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	49501	26.548	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	33396	51.816	ug/L #	90
42) Toluene	10.384	91	162904	26.266	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	44484	27.238	ug/L	99
45) 1,1,2-Trichloroethane	10.780	97	26267	27.131	ug/L	94
46) Tetrachloroethene	10.860	164	35351	24.998	ug/L	97
48) 2-Hexanone	10.969	43	25630	54.836	ug/L #	93
49) Dibromochloromethane	11.128	129	33039	27.682	ug/L	93
50) 1,2-Dibromoethane	11.231	107	25432	26.396	ug/L #	94
51) Chlorobenzene	11.652	112	107866	25.977	ug/L	94
52) Ethylbenzene	11.725	91	181198	25.566	ug/L	99
53) m,p-Xylene	11.835	106	72363	25.310	ug/L	96
54) o-Xylene	12.164	106	70997	26.165	ug/L	88
55) Styrene	12.176	104	124670	26.996	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	30707	27.669	ug/L #	94
59) Bromoform	12.347	173	19580	28.013	ug/L	99
60) Isopropylbenzene	12.463	105	198273	24.840	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	22331	26.120	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.938	105	168222	24.766	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	163120	24.344	ug/L	94
64) 1,3-Dichlorobenzene	13.493	146	95373	25.331	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	97256	26.000	ug/L	92
67) 1,2-Dichlorobenzene	13.865	146	83846	25.295	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	4595	26.057	ug/L #	68
69) 1,3,5-Trichlorobenzene	14.627	180	71317	25.343	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	56948	25.160	ug/L	92
71) Naphthalene	15.359	128	93457	25.415	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	49815	26.631	ug/L	99

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

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