

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW092321\  
 Data File : VW020154.D  
 Acq On : 23 Sep 2021 18:25  
 Operator : SY/VA  
 Sample : VSTDCCC025  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD025551

Quant Time: Sep 24 01:44:25 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM092121SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Sep 24 01:36:59 2021  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	332384	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	325074	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	170577	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	136101	20.015	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery =	80.080%		
7) Chloroethane-d5	2.897	69	108194	21.121	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery =	84.480%		
11) 1,1-Dichloroethene-d2	4.031	63	226976	21.319	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery =	85.280%		
21) 2-Butanone-d5	7.080	46	61476	58.587	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery =	117.180%		
24) Chloroform-d	7.653	84	248357	23.759	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery =	95.040%		
26) 1,2-Dichloroethane-d4	8.305	65	141713	25.189	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery =	100.760%		
32) Benzene-d6	8.275	84	461963	22.275	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery =	89.080%		
36) 1,2-Dichloropropane-d6	9.274	67	137404	22.893	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery =	91.560%		
41) Toluene-d8	10.323	98	420746	22.297	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery =	89.200%		
43) trans-1,3-Dichloroprop...	10.579	79	61542	23.989	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery =	95.960%		
47) 2-Hexanone-d5	10.926	63	49772	59.922	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery =	119.840%		
56) 1,1,2,2-Tetrachloroeth...	12.694	84	126791	27.386	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery =	109.560%		
66) 1,2-Dichlorobenzene-d4	13.853	152	150123	23.471	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery =	93.880%		
Target Compounds						
2) Dichlorodifluoromethane	2.013	85	85113	29.236	ug/L	91
3) Chloromethane	2.221	50	105327	26.164	ug/L	99
5) Vinyl chloride	2.373	62	155407	24.585	ug/L	95
6) Bromomethane	2.788	94	98273	24.048	ug/L	98
8) Chloroethane	2.934	64	94558	24.737	ug/L	98
9) Trichlorofluoromethane	3.269	101	108209	24.331	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	122297	25.154	ug/L	99
12) 1,1-Dichloroethene	4.050	96	109431	24.826	ug/L	89
13) Acetone	4.129	43	48942	54.460	ug/L	99
14) Carbon disulfide	4.391	76	352121	25.402	ug/L	100
15) Methyl Acetate	4.678	43	51748	30.112	ug/L	100
16) Methylene chloride	4.921	84	130276	22.212	ug/L	97
17) trans-1,2-Dichloroethene	5.434	96	115715	24.919	ug/L	96
18) Methyl tert-butyl Ether	5.434	73	141277	25.628	ug/L	99
19) 1,1-Dichloroethane	6.226	63	220528	25.748	ug/L	99
20) cis-1,2-Dichloroethene	7.177	96	121281	25.681	ug/L	94
22) 2-Butanone	7.177	43	69241	59.388	ug/L	99
23) Bromochloromethane	7.519	128	57910	27.050	ug/L	96
25) Chloroform	7.683	83	232534	25.962	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	161382	27.380	ug/L	98
29) Cyclohexane	7.964	56	181865	25.142	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	189139	23.481	ug/L	99
31) Carbon tetrachloride	8.073	117	179693	24.518	ug/L	98
33) Benzene	8.329	78	497852	25.377	ug/L	100
34) Trichloroethene	9.098	95	127195	24.219	ug/L	98
35) Methylcyclohexane	9.341	83	218169	25.495	ug/L	99
37) 1,2-Dichloropropane	9.372	63	123657	25.447	ug/L	100
38) Bromodichloromethane	9.646	83	168573	25.618	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	183989	25.671	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	148147	60.534	ug/L	99
42) Toluene	10.390	91	537411	25.784	ug/L	97
44) trans-1,3-Dichloropropene	10.609	75	172010	26.719	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	94691	26.576	ug/L	98
46) Tetrachloroethene	10.866	164	99132	24.421	ug/L	96
48) 2-Hexanone	10.969	43	105238	61.731	ug/L	99
49) Dibromochloromethane	11.134	129	108334	26.020	ug/L	96
50) 1,2-Dibromoethane	11.237	107	89136	26.582	ug/L	99
51) Chlorobenzene	11.658	112	339238	25.025	ug/L	97
52) Ethylbenzene	11.731	91	586862	25.563	ug/L	100
53) m,p-Xylene	11.841	106	229362	26.206	ug/L	92
54) o-Xylene	12.170	106	212622	26.262	ug/L	100
55) Styrene	12.182	104	380649	27.058	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	118878	27.933	ug/L	98
59) Bromoform	12.347	173	60367	25.957	ug/L	98
60) Isopropylbenzene	12.463	105	589509	25.775	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	89887	27.907	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	482941	25.729	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	487057	26.415	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	265207	25.285	ug/L	96
65) 1,4-Dichlorobenzene	13.578	146	260928	24.072	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	239749	25.097	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	20440	28.270	ug/L	91
69) 1,3,5-Trichlorobenzene	14.627	180	176038	24.265	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	138642	24.762	ug/L	94
71) Naphthalene	15.365	128	287506	29.116	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	128306	25.450	ug/L	97

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

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