

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092721\
 Data File : VW020207.D
 Acq On : 27 Sep 2021 14:32
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025556

Quant Time: Sep 28 05:23:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Sep 28 05:21:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	342892	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.633	117	326656	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	172366	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	133440	19.023	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	76.080%		
7) Chloroethane-d5	2.897	69	112107	21.214	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	84.840%		
11) 1,1-Dichloroethene-d2	4.025	63	237164	21.593	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	86.360%		
21) 2-Butanone-d5	7.085	46	58879	54.393	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	108.780%		
24) Chloroform-d	7.646	84	249074	23.097	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	92.400%		
26) 1,2-Dichloroethane-d4	8.305	65	138462	23.857	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	95.440%		
32) Benzene-d6	8.274	84	452258	21.701	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	86.800%		
36) 1,2-Dichloropropane-d6	9.274	67	134742	22.341	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	89.360%		
41) Toluene-d8	10.323	98	410552	21.651	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	86.600%		
43) trans-1,3-Dichloroprop...	10.579	79	60855	23.607	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	94.440%		
47) 2-Hexanone-d5	10.926	63	49626	59.457	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	118.920%		
56) 1,1,2,2-Tetrachloroeth...	12.694	84	121460	26.107	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	104.440%		
66) 1,2-Dichlorobenzene-d4	13.853	152	145976	22.586	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	90.360%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.013	85	91737	30.545	ug/L	92
3) Chloromethane	2.220	50	103322	24.879	ug/L	95
5) Vinyl chloride	2.367	62	172882	26.511	ug/L	98
6) Bromomethane	2.787	94	111037	26.339	ug/L	96
8) Chloroethane	2.934	64	106482	27.002	ug/L	97
9) Trichlorofluoromethane	3.263	101	116830	25.464	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	130459	26.010	ug/L	98
12) 1,1-Dichloroethene	4.043	96	121324	26.681	ug/L	84
13) Acetone	4.141	43	55252	59.597	ug/L	99
14) Carbon disulfide	4.391	76	373610	26.126	ug/L	100
15) Methyl Acetate	4.677	43	50957	28.743	ug/L	99
16) Methylene chloride	4.921	84	160462	26.521	ug/L	96
17) trans-1,2-Dichloroethene	5.427	96	126581	26.423	ug/L	98
18) Methyl tert-butyl Ether	5.427	73	159777	28.096	ug/L	100
19) 1,1-Dichloroethane	6.220	63	236428	26.758	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	131752	27.043	ug/L	100
22) 2-Butanone	7.177	43	71367	59.335	ug/L	100
23) Bromochloromethane	7.518	128	60778	27.520	ug/L	94
25) Chloroform	7.677	83	246347	26.662	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	167173	27.493	ug/L	100
29) Cyclohexane	7.957	56	199753	27.482	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	205956	25.444	ug/L	99
31) Carbon tetrachloride	8.073	117	194179	26.366	ug/L	99
33) Benzene	8.323	78	526555	26.710	ug/L	100
34) Trichloroethene	9.091	95	135494	25.674	ug/L	96
35) Methylcyclohexane	9.335	83	236358	27.487	ug/L	99
37) 1,2-Dichloropropane	9.372	63	129484	26.518	ug/L	99
38) Bromodichloromethane	9.646	83	175581	26.554	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	195888	27.199	ug/L	96
40) 4-Methyl-2-pentanone	10.213	43	147694	60.057	ug/L	99
42) Toluene	10.390	91	571869	27.304	ug/L	97
44) trans-1,3-Dichloropropene	10.609	75	182077	28.146	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	98102	27.400	ug/L	98
46) Tetrachloroethene	10.859	164	104325	25.576	ug/L	94
48) 2-Hexanone	10.969	43	111581	65.135	ug/L	100
49) Dibromochloromethane	11.127	129	114800	27.440	ug/L	93
50) 1,2-Dibromoethane	11.237	107	88189	26.172	ug/L	95
51) Chlorobenzene	11.658	112	354479	26.022	ug/L	99
52) Ethylbenzene	11.731	91	631749	27.385	ug/L	96
53) m,p-Xylene	11.841	106	242647	27.590	ug/L	97
54) o-Xylene	12.164	106	228618	28.101	ug/L	100
55) Styrene	12.182	104	394574	27.912	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.712	83	119439	27.929	ug/L	99
59) Bromoform	12.347	173	64084	27.269	ug/L	99
60) Isopropylbenzene	12.463	105	631511	27.325	ug/L	99
61) 1,2,3-Trichloropropane	12.767	75	88809	27.286	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	527054	27.788	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	525302	28.193	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	276707	26.107	ug/L	98
65) 1,4-Dichlorobenzene	13.578	146	282271	25.771	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	252480	26.156	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.480	75	20280	27.757	ug/L	91
69) 1,3,5-Trichlorobenzene	14.627	180	191278	26.092	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	153355	27.106	ug/L	92
71) Naphthalene	15.364	128	311048	31.173	ug/L	100
72) 1,2,3-Trichlorobenzene	15.553	180	146736	28.804	ug/L	96

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

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