

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102521\
 Data File : VW023032.D
 Acq On : 25 Oct 2021 14:30
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050365

Quant Time: Oct 26 00:56:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 26 00:54:34 2021
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Difluorobenzene		5.613	114	304707	50.000	ug/L	0.00
28) Chlorobenzene-d5		8.850	117	305636	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.249	152	170491	50.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.304	65	97717	51.853	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 103.700%		
7) Chloroethane-d5		1.565	69	67161	45.338	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 90.680%		
11) 1,1-Dichloroethene-d2		2.108	63	150689	40.554	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 81.100%		
21) 2-Butanone-d5		3.896	46	115969m	111.797	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 111.800%		
24) Chloroform-d		4.346	84	198707	57.713	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 115.420%		
26) 1,2-Dichloroethane-d4		5.031	65	119700	59.932	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 119.860%		
32) Benzene-d6		5.047	84	391674	55.317	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 110.640%		
36) 1,2-Dichloropropane-d6		6.066	67	124554	57.142	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 114.280%		
41) Toluene-d8		7.313	98	357744	55.081	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 110.160%		
43) trans-1,3-Dichloroprop...		7.619	79	60452	58.617	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 117.240%		
47) 2-Hexanone-d5		8.088	63	111663	123.662	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 123.660%		
56) 1,1,2,2-Tetrachloroeth...		10.217	84	176973	58.387	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 116.780%		
66) 1,2-Dichlorobenzene-d4		11.625	152	155362	55.880	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 111.760%		
Target Compounds							
						Qvalue	
2) Dichlorodifluoromethane		1.127	85	124648	40.904	ug/L	99
3) Chloromethane		1.240	50	130406	43.034	ug/L	99
5) Vinyl chloride		1.307	62	122692	42.715	ug/L	99
6) Bromomethane		1.520	94	92466	46.106	ug/L	98
8) Chloroethane		1.584	64	68479	39.090	ug/L	100
9) Trichlorofluoromethane		1.751	101	151408	38.379	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...		2.114	101	81277	36.394	ug/L	97
12) 1,1-Dichloroethene		2.114	96	78296	36.785	ug/L	96
13) Acetone		2.188	43	119479m	91.181	ug/L	
14) Carbon disulfide		2.291	76	277633	43.180	ug/L	100
15) Methyl Acetate		2.433	43	108525	45.401	ug/L	100
16) Methylene chloride		2.503	84	133469	49.909	ug/L	97
17) trans-1,2-Dichloroethene		2.757	96	112991	48.359	ug/L	98
18) Methyl tert-butyl Ether		2.767	73	373380	51.761	ug/L	98
19) 1,1-Dichloroethane		3.185	63	210570	50.933	ug/L	99
20) cis-1,2-Dichloroethene		3.908	96	127167	51.087	ug/L	94
22) 2-Butanone		3.976	43	140496	81.430	ug/L	89
23) Bromochloromethane		4.246	128	71744	52.462	ug/L	94
25) Chloroform		4.371	83	217114	52.188	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	160796	53.376	ug/L	98
29) Cyclohexane	4.674	56	164243	46.104	ug/L	98
30) 1,1,1-Trichloroethane	4.603	97	175848	46.058	ug/L	100
31) Carbon tetrachloride	4.825	117	153078	45.639	ug/L	97
33) Benzene	5.095	78	469977	49.802	ug/L	100
34) Trichloroethene	5.912	95	118724	48.183	ug/L	99
35) Methylcyclohexane	6.130	83	169103	45.261	ug/L	96
37) 1,2-Dichloropropane	6.172	63	124180	51.395	ug/L	99
38) Bromodichloromethane	6.506	83	163940	52.235	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	193952	53.375	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	345339	101.721	ug/L	99
42) Toluene	7.384	91	503192	50.618	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	186726	53.372	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	128296	51.295	ug/L	99
46) Tetrachloroethene	7.973	164	95901	46.492	ug/L	99
48) 2-Hexanone	8.140	43	264537	101.879	ug/L	98
49) Dibromochloromethane	8.246	129	140280	51.828	ug/L	100
50) 1,2-Dibromoethane	8.352	107	138992	51.614	ug/L	99
51) Chlorobenzene	8.879	112	333378	50.419	ug/L	99
52) Ethylbenzene	9.011	91	524814	50.726	ug/L	100
53) m,p-Xylene	9.137	106	208736	50.923	ug/L	100
54) o-Xylene	9.545	106	206452	51.695	ug/L	97
55) Styrene	9.561	104	371007	54.134	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.243	83	199716	51.663	ug/L	99
59) Bromoform	9.731	173	104443	49.543	ug/L	99
60) Isopropylbenzene	9.931	105	525048	48.404	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	158278	48.816	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	443538	48.563	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	464869	51.200	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	274481	49.877	ug/L	100
65) 1,4-Dichlorobenzene	11.272	146	279851	48.964	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	281799	50.107	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	41523	46.742	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	207673	50.788	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	187101	50.884	ug/L	100
71) Naphthalene	13.503	128	611976	50.544	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	200358	52.720	ug/L	99

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

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