

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW010622\
 Data File : VW024286.D
 Acq On : 06 Jan 2022 10:35
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050379

Quant Time: Jan 07 01:31:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 06 00:59:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	266787	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	250077	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	147019	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	76253	39.714	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.420%
7) Chloroethane-d5	1.568	69	59763	40.974	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.940%
11) 1,1-Dichloroethene-d2	2.111	63	150429	41.920	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.840%
21) 2-Butanone-d5	3.883	46	85325	79.763	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.760%
24) Chloroform-d	4.346	84	151177	43.081	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.160%
26) 1,2-Dichloroethane-d4	5.027	65	99398	42.307	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.620%
32) Benzene-d6	5.047	84	283818	43.491	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.980%
36) 1,2-Dichloropropane-d6	6.066	67	77851	42.567	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.140%
41) Toluene-d8	7.313	98	279589	44.249	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.500%
43) trans-1,3-Dichloroprop...	7.619	79	44621	42.369	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.740%
47) 2-Hexanone-d5	8.085	63	63867	80.377	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.380%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	109850	42.029	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.060%
66) 1,2-Dichlorobenzene-d4	11.622	152	123145	42.022	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	94768	44.030	ug/L	100
3) Chloromethane	1.243	50	74830	41.382	ug/L	97
5) Vinyl chloride	1.314	62	81131	42.403	ug/L	96
6) Bromomethane	1.523	94	53400	48.978	ug/L	99
8) Chloroethane	1.587	64	49875	42.232	ug/L	100
9) Trichlorofluoromethane	1.754	101	151357	44.009	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	76632	45.592	ug/L	98
12) 1,1-Dichloroethene	2.121	96	70011	43.082	ug/L	100
13) Acetone	2.179	43	95345	90.274	ug/L	98
14) Carbon disulfide	2.294	76	188022	39.849	ug/L	98
15) Methyl Acetate	2.429	43	60181	39.176	ug/L	100
16) Methylene chloride	2.507	84	74766	42.249	ug/L	99
17) trans-1,2-Dichloroethene	2.761	96	71653	42.790	ug/L	99
18) Methyl tert-butyl Ether	2.764	73	227212	44.026	ug/L	99
19) 1,1-Dichloroethane	3.188	63	121344	43.689	ug/L	98
20) cis-1,2-Dichloroethene	3.908	96	78201	43.727	ug/L	97
22) 2-Butanone	3.966	43	95607	85.216	ug/L	97
23) Bromochloromethane	4.246	128	44637	43.317	ug/L	96
25) Chloroform	4.371	83	140209	43.176	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	114015	43.166	ug/L	99
29) Cyclohexane	4.677	56	103347	46.231	ug/L #	93
30) 1,1,1-Trichloroethane	4.606	97	136760	44.446	ug/L	98
31) Carbon tetrachloride	4.825	117	128420	44.987	ug/L	99
33) Benzene	5.095	78	283961	44.656	ug/L	100
34) Trichloroethene	5.912	95	80499	45.907	ug/L	97
35) Methylcyclohexane	6.130	83	123589	47.523	ug/L	99
37) 1,2-Dichloropropane	6.169	63	66258	44.301	ug/L	99
38) Bromodichloromethane	6.506	83	104768	44.639	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	116326	46.268	ug/L	97
40) 4-Methyl-2-pentanone	7.223	43	165456	84.836	ug/L	99
42) Toluene	7.384	91	327766	45.919	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	118336	46.399	ug/L	97
45) 1,1,2-Trichloroethane	7.834	97	73710	43.961	ug/L	98
46) Tetrachloroethene	7.973	164	73818	46.251	ug/L	98
48) 2-Hexanone	8.137	43	143902	91.864	ug/L	99
49) Dibromochloromethane	8.243	129	91448	43.511	ug/L	98
50) 1,2-Dibromoethane	8.349	107	80160	44.511	ug/L	100
51) Chlorobenzene	8.879	112	217170	45.171	ug/L	99
52) Ethylbenzene	9.011	91	354203	46.449	ug/L	98
53) m,p-Xylene	9.137	106	145946	47.748	ug/L	98
54) o-Xylene	9.542	106	137216	47.027	ug/L	100
55) Styrene	9.558	104	240602	47.484	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	105111	42.932	ug/L	100
59) Bromoform	9.728	173	67592	40.319	ug/L	98
60) Isopropylbenzene	9.931	105	372189	45.750	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	87373	40.473	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	325992	46.584	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	328623	47.038	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	194222	46.302	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	196191	45.353	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	190369	44.035	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	23431	37.685	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	150561	46.664	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	126149	45.716	ug/L	99
71) Naphthalene	13.500	128	339914	42.578	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	126704	44.428	ug/L	99

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

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