

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW063022\
 Data File : VW026598.D
 Acq On : 30 Jun 2022 09:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050302

Quant Time: Jul 01 00:14:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 30 04:36:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	375421	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	374369	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	214828	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	161171	52.665	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 105.340%	
7) Chloroethane-d5	1.580	69	138793	52.882	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 105.760%	
11) 1,1-Dichloroethene-d2	2.121	63	311536	54.041	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 108.080%	
21) 2-Butanone-d5	3.912	46	170326	111.166	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 111.170%	
24) Chloroform-d	4.358	84	310656	52.572	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 105.140%	
26) 1,2-Dichloroethane-d4	5.037	65	172914	51.427	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 102.860%	
32) Benzene-d6	5.056	84	601733	52.859	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 105.720%	
36) 1,2-Dichloropropane-d6	6.072	67	187295	52.235	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 104.460%	
41) Toluene-d8	7.317	98	547558	54.762	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 109.520%	
43) trans-1,3-Dichloroprop...	7.622	79	77329	53.715	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 107.440%	
47) 2-Hexanone-d5	8.091	63	122465	98.753	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 98.750%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	262211	50.648	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 101.300%	
66) 1,2-Dichlorobenzene-d4	11.622	152	214647	51.053	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 102.100%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.143	85	162244	60.102	ug/L	99
3) Chloromethane	1.252	50	182760	54.603	ug/L	99
5) Vinyl chloride	1.323	62	199903	56.538	ug/L	99
6) Bromomethane	1.535	94	122635	55.097	ug/L	100
8) Chloroethane	1.597	64	130470	54.991	ug/L	99
9) Trichlorofluoromethane	1.764	101	287694	57.993	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.127	101	172701	59.300	ug/L	100
12) 1,1-Dichloroethene	2.130	96	164211	57.232	ug/L	94
13) Acetone	2.204	43	121645	109.043	ug/L	87
14) Carbon disulfide	2.304	76	448746	56.398	ug/L	99
15) Methyl Acetate	2.452	43	117583	50.180	ug/L	93
16) Methylene chloride	2.519	84	186047	55.235	ug/L	99
17) trans-1,2-Dichloroethene	2.770	96	165578	55.935	ug/L	99
18) Methyl tert-butyl Ether	2.783	73	454193	54.708	ug/L	99
19) 1,1-Dichloroethane	3.201	63	296046	55.245	ug/L	98
20) cis-1,2-Dichloroethene	3.921	96	172677	54.599	ug/L	96
22) 2-Butanone	3.995	43	172539	115.422	ug/L	97
23) Bromochloromethane	4.256	128	98033	54.803	ug/L	99
25) Chloroform	4.384	83	315310	55.599	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	214751	56.030	ug/L	100
29) Cyclohexane	4.683	56	234979	59.059	ug/L	99
30) 1,1,1-Trichloroethane	4.616	97	279308	57.109	ug/L	99
31) Carbon tetrachloride	4.834	117	239042	58.209	ug/L	100
33) Benzene	5.104	78	689280	56.785	ug/L	100
34) Trichloroethene	5.918	95	170360	55.607	ug/L	99
35) Methylcyclohexane	6.133	83	284359	60.926	ug/L	99
37) 1,2-Dichloropropane	6.175	63	179373	56.732	ug/L	99
38) Bromodichloromethane	6.509	83	227650	56.031	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	241988	56.838	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	347952	109.031	ug/L	100
42) Toluene	7.387	91	756017	59.408	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	227835	58.030	ug/L	100
45) 1,1,2-Trichloroethane	7.837	97	176275	54.925	ug/L	98
46) Tetrachloroethene	7.976	164	142260	57.459	ug/L	98
48) 2-Hexanone	8.140	43	281742	117.272	ug/L	99
49) Dibromochloromethane	8.246	129	178688	57.843	ug/L	100
50) 1,2-Dibromoethane	8.352	107	181668	55.779	ug/L	98
51) Chlorobenzene	8.879	112	480768	55.977	ug/L	97
52) Ethylbenzene	9.011	91	767086	59.209	ug/L	99
53) m,p-Xylene	9.136	106	311916	61.429	ug/L	100
54) o-Xylene	9.542	106	296238	60.253	ug/L	100
55) Styrene	9.558	104	537644	62.832	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	269255	53.906	ug/L	99
59) Bromoform	9.728	173	107217	56.699	ug/L	98
60) Isopropylbenzene	9.931	105	768245	58.717	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	196830	51.165	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	631396	59.498	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	638080	60.386	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	372871	56.276	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	386469	56.247	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	373948	55.385	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	43709	50.873	ug/L	99
69) 1,3,5-Trichlorobenzene	12.641	180	253643	55.618	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	205946	53.725	ug/L	99
71) Naphthalene	13.500	128	570285	51.752	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	212685	54.652	ug/L	99

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

