

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW063022\
 Data File : VW026615.D
 Acq On : 30 Jun 2022 18:25
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050303

Quant Time: Jul 01 00:24:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 01 00:19:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	369530	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	372575	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	213524	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	123280	40.926	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.860%
7) Chloroethane-d5	1.580	69	110943	42.945	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.880%
11) 1,1-Dichloroethene-d2	2.121	63	250288	44.109	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.220%
21) 2-Butanone-d5	3.911	46	173371	114.957	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.960%
24) Chloroform-d	4.358	84	274418	47.180	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.360%
26) 1,2-Dichloroethane-d4	5.040	65	153853	46.487	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.980%
32) Benzene-d6	5.056	84	507185	44.768	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.540%
36) 1,2-Dichloropropane-d6	6.075	67	166729	46.723	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.440%
41) Toluene-d8	7.316	98	463402	46.568	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.140%
43) trans-1,3-Dichloroprop...	7.622	79	66838	46.651	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.300%
47) 2-Hexanone-d5	8.091	63	130491	105.732	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.730%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	258663	50.203	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	191015	45.709	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.420%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.143	85	127165	47.858	ug/L	99
3) Chloromethane	1.252	50	161399	48.989	ug/L	100
5) Vinyl chloride	1.323	62	169119	48.594	ug/L	98
6) Bromomethane	1.535	94	100666	45.948	ug/L	100
8) Chloroethane	1.596	64	111665	47.816	ug/L	99
9) Trichlorofluoromethane	1.764	101	239111	48.968	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.127	101	141427	49.336	ug/L	99
12) 1,1-Dichloroethene	2.130	96	137401	48.651	ug/L	92
13) Acetone	2.201	43	86371	78.657	ug/L	96
14) Carbon disulfide	2.304	76	369198	47.141	ug/L	99
15) Methyl Acetate	2.452	43	124315	53.899	ug/L	99
16) Methylene chloride	2.519	84	159195	48.017	ug/L	98
17) trans-1,2-Dichloroethene	2.773	96	139661	47.932	ug/L	99
18) Methyl tert-butyl Ether	2.786	73	400488	49.008	ug/L	100
19) 1,1-Dichloroethane	3.201	63	259152	49.132	ug/L	99
20) cis-1,2-Dichloroethene	3.921	96	153198	49.212	ug/L	94
22) 2-Butanone	3.995	43	149389	101.528	ug/L	99
23) Bromochloromethane	4.259	128	86500	49.127	ug/L	95
25) Chloroform	4.384	83	276843	49.594	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	191358	50.723	ug/L	99
29) Cyclohexane	4.686	56	194310	49.073	ug/L	99
30) 1,1,1-Trichloroethane	4.619	97	241782	49.674	ug/L	99
31) Carbon tetrachloride	4.837	117	204104	49.941	ug/L	100
33) Benzene	5.108	78	607399	50.281	ug/L	100
34) Trichloroethene	5.918	95	144673	47.450	ug/L	99
35) Methylcyclohexane	6.136	83	225186	48.480	ug/L	99
37) 1,2-Dichloropropane	6.178	63	155824	49.521	ug/L	99
38) Bromodichloromethane	6.513	83	197981	48.963	ug/L	100
39) cis-1,3-Dichloropropene	7.030	75	207486	48.969	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	346446	109.081	ug/L	100
42) Toluene	7.390	91	653913	51.632	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	195519	50.038	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	161196	50.469	ug/L	99
46) Tetrachloroethene	7.976	164	118592	48.130	ug/L	98
48) 2-Hexanone	8.143	43	267807	112.009	ug/L	97
49) Dibromochloromethane	8.246	129	153330	49.873	ug/L	100
50) 1,2-Dibromoethane	8.352	107	162236	50.052	ug/L	97
51) Chlorobenzene	8.882	112	415387	48.597	ug/L	99
52) Ethylbenzene	9.014	91	656159	50.891	ug/L	99
53) m,p-Xylene	9.140	106	262946	52.034	ug/L	99
54) o-Xylene	9.545	106	250995	51.297	ug/L	97
55) Styrene	9.561	104	462773	54.342	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	257034	51.707	ug/L	99
59) Bromoform	9.731	173	92414	49.169	ug/L	99
60) Isopropylbenzene	9.931	105	649885	49.974	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	185677	48.561	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	522561	49.543	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	529809	50.445	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	315328	47.882	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	327449	47.949	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	325532	48.509	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	42859	50.189	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	209141	46.140	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	172792	45.351	ug/L	98
71) Naphthalene	13.500	128	537408	49.067	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	188789	48.808	ug/L	100

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

