

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031022\
 Data File : VW024951.D
 Acq On : 11 Mar 2022 06:01
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050286

Quant Time: Mar 11 07:25:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 11 05:21:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	286707	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	284170	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	143148	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	115908	39.759	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.520%
7) Chloroethane-d5	1.571	69	91063	39.814	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.620%
11) 1,1-Dichloroethene-d2	2.111	63	198707	40.610	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.220%
21) 2-Butanone-d5	3.896	46	140919	84.938	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.940%
24) Chloroform-d	4.349	84	211779	41.615	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.220%
26) 1,2-Dichloroethane-d4	5.031	65	122780	40.891	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.780%
32) Benzene-d6	5.050	84	426912	40.531	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.060%
36) 1,2-Dichloropropane-d6	6.069	67	132665	40.427	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.860%
41) Toluene-d8	7.313	98	385760	41.340	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.680%
43) trans-1,3-Dichloroprop...	7.619	79	57584	40.384	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.760%
47) 2-Hexanone-d5	8.088	63	101210	81.252	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.250%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	165154	42.430	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.860%
66) 1,2-Dichlorobenzene-d4	11.622	152	132088	40.058	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	123783	45.728	ug/L	99
3) Chloromethane	1.243	50	124807	44.566	ug/L	100
5) Vinyl chloride	1.314	62	132271	46.034	ug/L	99
6) Bromomethane	1.526	94	84737	49.367	ug/L	99
8) Chloroethane	1.587	64	82745	49.138	ug/L	100
9) Trichlorofluoromethane	1.754	101	174903	47.598	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	97707	44.838	ug/L	99
12) 1,1-Dichloroethene	2.121	96	99302	46.792	ug/L	88
13) Acetone	2.188	43	96629	76.273	ug/L	97
14) Carbon disulfide	2.297	76	297669	45.914	ug/L	100
15) Methyl Acetate	2.436	43	112182	51.547	ug/L	99
16) Methylene chloride	2.510	84	127258	51.202	ug/L	95
17) trans-1,2-Dichloroethene	2.761	96	113455	49.432	ug/L	98
18) Methyl tert-butyl Ether	2.770	73	356364	50.924	ug/L	99
19) 1,1-Dichloroethane	3.191	63	208486	50.380	ug/L	98
20) cis-1,2-Dichloroethene	3.912	96	125992	50.713	ug/L	95
22) 2-Butanone	3.976	43	144860	99.719	ug/L	94
23) Bromochloromethane	4.249	128	63546	51.143	ug/L	95
25) Chloroform	4.375	83	216466	50.356	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	152471	50.827	ug/L	98
29) Cyclohexane	4.680	56	172901	46.515	ug/L	98
30) 1,1,1-Trichloroethane	4.609	97	185644	49.612	ug/L	99
31) Carbon tetrachloride	4.828	117	156024	49.041	ug/L	99
33) Benzene	5.098	78	481227	50.178	ug/L	100
34) Trichloroethene	5.912	95	128665	48.940	ug/L	99
35) Methylcyclohexane	6.130	83	179505	45.003	ug/L	99
37) 1,2-Dichloropropane	6.172	63	119861	49.806	ug/L	99
38) Bromodichloromethane	6.510	83	159233	50.493	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	179424	49.537	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	292247	101.856	ug/L	98
42) Toluene	7.387	91	502480	50.211	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	165536	49.747	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	120364	51.476	ug/L	98
46) Tetrachloroethene	7.976	164	80744	47.555	ug/L	97
48) 2-Hexanone	8.140	43	224202	99.287	ug/L	97
49) Dibromochloromethane	8.246	129	119830	53.031	ug/L	99
50) 1,2-Dibromoethane	8.352	107	124291	51.543	ug/L	99
51) Chlorobenzene	8.879	112	318602	50.467	ug/L	98
52) Ethylbenzene	9.011	91	533803	50.574	ug/L	99
53) m,p-Xylene	9.136	106	201226	49.615	ug/L	100
54) o-Xylene	9.542	106	201938	51.530	ug/L	99
55) Styrene	9.558	104	348591	52.426	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	170323	52.077	ug/L	98
59) Bromoform	9.728	173	71207	54.606	ug/L	100
60) Isopropylbenzene	9.931	105	522270	50.238	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	145722	50.875	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	353473	50.394	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	434302	50.518	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	224316	49.172	ug/L	100
65) 1,4-Dichlorobenzene	11.268	146	225280	48.237	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	225419	49.099	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	33297	50.922	ug/L	90
69) 1,3,5-Trichlorobenzene	12.644	180	142263	46.199	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	126679	47.216	ug/L	98
71) Naphthalene	13.500	128	444245	51.105	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	130915	49.484	ug/L	99

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

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