

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030922\
 Data File : VW024901.D
 Acq On : 10 Mar 2022 02:53
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050283

Quant Time: Mar 10 05:53:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 10 05:49:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	293263	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	289705	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	145665	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	115296	38.665	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	77.320%		
7) Chloroethane-d5	1.571	69	101339	43.316	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.640%		
11) 1,1-Dichloroethene-d2	2.111	63	208798	41.718	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.440%		
21) 2-Butanone-d5	3.895	46	172498	101.648	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	101.650%		
24) Chloroform-d	4.349	84	240855	46.270	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.540%		
26) 1,2-Dichloroethane-d4	5.030	65	142899	46.527	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.060%		
32) Benzene-d6	5.050	84	485574	45.220	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.440%		
36) 1,2-Dichloropropane-d6	6.069	67	153760	45.960	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.920%		
41) Toluene-d8	7.313	98	430977	45.304	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.600%		
43) trans-1,3-Dichloroprop...	7.619	79	65710	45.202	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.400%		
47) 2-Hexanone-d5	8.088	63	130126	102.471	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	102.470%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	190884	48.104	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.200%		
66) 1,2-Dichlorobenzene-d4	11.622	152	157360	46.897	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.800%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	112135	40.499	ug/L	100
3) Chloromethane	1.243	50	127332	44.452	ug/L	100
5) Vinyl chloride	1.314	62	131791	44.841	ug/L	99
6) Bromomethane	1.523	94	82478	46.977	ug/L	98
8) Chloroethane	1.587	64	83214	48.312	ug/L	98
9) Trichlorofluoromethane	1.754	101	166916	44.409	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	87613	39.307	ug/L	100
12) 1,1-Dichloroethene	2.121	96	98929	45.574	ug/L	87
13) Acetone	2.188	43	96365	74.364	ug/L	99
14) Carbon disulfide	2.294	76	288704	43.536	ug/L	99
15) Methyl Acetate	2.439	43	111731	50.192	ug/L	99
16) Methylene chloride	2.510	84	123122	48.430	ug/L	97
17) trans-1,2-Dichloroethene	2.760	96	108117	46.053	ug/L	97
18) Methyl tert-butyl Ether	2.770	73	347263	48.514	ug/L	100
19) 1,1-Dichloroethane	3.191	63	204392	48.287	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	122205	48.089	ug/L	100
22) 2-Butanone	3.979	43	147439	99.225	ug/L	99
23) Bromochloromethane	4.249	128	61715	48.559	ug/L	96
25) Chloroform	4.375	83	211570	48.116	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	148935	48.538	ug/L	100
29) Cyclohexane	4.677	56	164194	43.328	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	178708	46.846	ug/L	100
31) Carbon tetrachloride	4.828	117	148586	45.810	ug/L	99
33) Benzene	5.098	78	465295	47.590	ug/L	100
34) Trichloroethene	5.915	95	125021	46.645	ug/L	99
35) Methylcyclohexane	6.130	83	157242	38.668	ug/L	98
37) 1,2-Dichloropropane	6.172	63	119662	48.773	ug/L	100
38) Bromodichloromethane	6.510	83	154188	47.959	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	172236	46.644	ug/L	100
40) 4-Methyl-2-pentanone	7.226	43	286321	97.884	ug/L	99
42) Toluene	7.387	91	482813	47.324	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	163418	48.172	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	115818	48.585	ug/L	99
46) Tetrachloroethene	7.976	164	72413	41.833	ug/L	96
48) 2-Hexanone	8.136	43	222513	96.657	ug/L	98
49) Dibromochloromethane	8.246	129	118054	51.246	ug/L	100
50) 1,2-Dibromoethane	8.352	107	121645	49.481	ug/L	98
51) Chlorobenzene	8.879	112	302883	47.061	ug/L	99
52) Ethylbenzene	9.011	91	504149	46.852	ug/L	99
53) m,p-Xylene	9.136	106	192255	46.498	ug/L	99
54) o-Xylene	9.542	106	192970	48.301	ug/L	100
55) Styrene	9.558	104	334151	49.294	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	161468	48.426	ug/L	98
59) Bromoform	9.728	173	68016	51.258	ug/L	98
60) Isopropylbenzene	9.931	105	493289	46.630	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	140078	48.060	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	329507	46.166	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	405099	46.307	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	207859	44.777	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	207283	43.616	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	215418	46.110	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	32842	49.359	ug/L	92
69) 1,3,5-Trichlorobenzene	12.644	180	126956	40.516	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	115213	42.200	ug/L	98
71) Naphthalene	13.500	128	430277	48.643	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	121610	45.172	ug/L	99

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

