

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072822\
 Data File : VW027072.D
 Acq On : 29 Jul 2022 06:37
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050317

Quant Time: Jul 29 06:55:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 29 02:10:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	546980	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	552062	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	304559	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	271108	52.098	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 104.200%		
7) Chloroethane-d5	1.564	69	214080	51.923	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 103.840%		
11) 1,1-Dichloroethene-d2	2.105	63	460907	52.026	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 104.060%		
21) 2-Butanone-d5	3.883	46	354407	119.440	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 119.440%		
24) Chloroform-d	4.342	84	511229	54.547	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 109.100%		
26) 1,2-Dichloroethane-d4	5.027	65	290877	54.672	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 109.340%		
32) Benzene-d6	5.043	84	1036798	53.481	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 106.960%		
36) 1,2-Dichloropropane-d6	6.066	67	318629	53.699	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 107.400%		
41) Toluene-d8	7.313	98	949480	54.185	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 108.380%		
43) trans-1,3-Dichloroprop...	7.619	79	120795	46.086	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 92.180%		
47) 2-Hexanone-d5	8.088	63	266639	104.532	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 104.530%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	466164	52.106	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 104.220%		
66) 1,2-Dichlorobenzene-d4	11.622	152	345954	50.531	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 101.060%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	302806	53.342	ug/L	99
3) Chloromethane	1.240	50	296460	57.113	ug/L	99
5) Vinyl chloride	1.307	62	308195	55.974	ug/L	99
6) Bromomethane	1.519	94	182796	54.059	ug/L	99
8) Chloroethane	1.580	64	180445	55.817	ug/L	100
9) Trichlorofluoromethane	1.748	101	393009	55.637	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	213629	52.389	ug/L	99
12) 1,1-Dichloroethene	2.114	96	219578	55.112	ug/L	96
13) Acetone	2.175	43	231635	105.397	ug/L	75
14) Carbon disulfide	2.288	76	662840	52.439	ug/L	99
15) Methyl Acetate	2.429	43	257707	70.560	ug/L	92
16) Methylene chloride	2.503	84	273620	53.877	ug/L	100
17) trans-1,2-Dichloroethene	2.754	96	238314	54.634	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	686009	57.257	ug/L	100
19) 1,1-Dichloroethane	3.185	63	426654	56.012	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	256528	56.870	ug/L	99
22) 2-Butanone	3.966	43	344317	142.011	ug/L	88
23) Bromochloromethane	4.243	128	143728	59.150	ug/L	97
25) Chloroform	4.368	83	455881	56.767	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	326413	59.067	ug/L	100
29) Cyclohexane	4.674	56	326139	54.984	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	394482	55.673	ug/L	100
31) Carbon tetrachloride	4.821	117	339164	54.984	ug/L	100
33) Benzene	5.095	78	1024198	57.568	ug/L	100
34) Trichloroethene	5.908	95	246059	53.736	ug/L	96
35) Methylcyclohexane	6.130	83	355418	52.028	ug/L	98
37) 1,2-Dichloropropane	6.169	63	258494	58.054	ug/L	99
38) Bromodichloromethane	6.506	83	329327	55.684	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	325503	50.958	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	643433	114.248	ug/L	99
42) Toluene	7.384	91	1075408	58.627	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	311579	50.172	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	266909	55.989	ug/L	99
46) Tetrachloroethene	7.972	164	190503	53.190	ug/L	99
48) 2-Hexanone	8.136	43	509779	114.861	ug/L	99
49) Dibromochloromethane	8.243	129	272386	55.559	ug/L	99
50) 1,2-Dibromoethane	8.349	107	276167	55.245	ug/L	100
51) Chlorobenzene	8.879	112	682164	55.143	ug/L	99
52) Ethylbenzene	9.011	91	1071718	57.701	ug/L	99
53) m,p-Xylene	9.136	106	433320	59.313	ug/L	100
54) o-Xylene	9.542	106	417101	59.285	ug/L	99
55) Styrene	9.558	104	761642	61.856	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	430320	55.988	ug/L	99
59) Bromoform	9.728	173	180079	52.052	ug/L	99
60) Isopropylbenzene	9.931	105	1067053	56.144	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	335092	52.462	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	438380	53.890	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	354987	54.684	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	503809	54.605	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	519022	53.384	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	527763	54.774	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	84775	50.622	ug/L	100
69) 1,3,5-Trichlorobenzene	12.644	180	334628	53.474	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	278679	52.030	ug/L	100
71) Naphthalene	13.500	128	926456	49.711	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	313666	53.992	ug/L	99

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

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