

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020322\
 Data File : VW024553.D
 Acq On : 03 Feb 2022 17:23
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050282

Quant Time: Feb 04 03:41:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM020222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 03 05:56:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	335829	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	307223	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	142467	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	106395	44.614	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.220%
7) Chloroethane-d5	1.568	69	95115	45.759	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.520%
11) 1,1-Dichloroethene-d2	2.108	63	235634	49.595	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.200%
21) 2-Butanone-d5	3.899	46	145121	92.006	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.010%
24) Chloroform-d	4.349	84	209725	47.885	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.760%
26) 1,2-Dichloroethane-d4	5.031	65	133283	47.677	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.360%
32) Benzene-d6	5.050	84	405007	46.364	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.720%
36) 1,2-Dichloropropane-d6	6.069	67	130152	46.803	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.600%
41) Toluene-d8	7.314	98	372094	46.284	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.560%
43) trans-1,3-Dichloroprop...	7.619	79	68611	46.886	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.780%
47) 2-Hexanone-d5	8.088	63	131134	111.026	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.030%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	169039	50.704	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	129806	48.157	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.131	85	125067	50.373	ug/L	100
3) Chloromethane	1.240	50	135428	54.714	ug/L	99
5) Vinyl chloride	1.311	62	143808	54.685	ug/L	98
6) Bromomethane	1.523	94	88121	54.437	ug/L	97
8) Chloroethane	1.584	64	93023	51.855	ug/L	100
9) Trichlorofluoromethane	1.751	101	203321	52.147	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	116241	56.277	ug/L	98
12) 1,1-Dichloroethene	2.118	96	113193	56.964	ug/L	96
13) Acetone	2.198	43	178316	107.541	ug/L	82
14) Carbon disulfide	2.291	76	284863	51.697	ug/L	99
15) Methyl Acetate	2.439	43	106155	48.328	ug/L	94
16) Methylene chloride	2.507	84	116289	52.981	ug/L	100
17) trans-1,2-Dichloroethene	2.757	96	104092	51.225	ug/L	97
18) Methyl tert-butyl Ether	2.770	73	379684	53.505	ug/L	100
19) 1,1-Dichloroethane	3.188	63	209173	53.105	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	120675	52.606	ug/L	99
22) 2-Butanone	3.986	43	196740	105.371	ug/L	91
23) Bromochloromethane	4.246	128	57674	52.247	ug/L	99
25) Chloroform	4.375	83	215649	52.615	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	169848	52.867	ug/L	100
29) Cyclohexane	4.677	56	183058	51.048	ug/L	98
30) 1,1,1-Trichloroethane	4.606	97	193267	52.608	ug/L	99
31) Carbon tetrachloride	4.825	117	158715	52.315	ug/L	100
33) Benzene	5.098	78	462610	52.922	ug/L	100
34) Trichloroethene	5.912	95	128819	52.305	ug/L	99
35) Methylcyclohexane	6.130	83	187413	50.433	ug/L	100
37) 1,2-Dichloropropane	6.172	63	122218	53.025	ug/L	100
38) Bromodichloromethane	6.510	83	168954	52.284	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	202810	53.607	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	368025	114.003	ug/L	99
42) Toluene	7.387	91	492221	52.561	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	195749	53.277	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	115572	52.448	ug/L	98
46) Tetrachloroethene	7.973	164	76554	52.318	ug/L	99
48) 2-Hexanone	8.140	43	305606	111.304	ug/L	99
49) Dibromochloromethane	8.246	129	123175	52.960	ug/L	100
50) 1,2-Dibromoethane	8.352	107	121620	53.076	ug/L	100
51) Chlorobenzene	8.879	112	306666	52.472	ug/L	99
52) Ethylbenzene	9.011	91	543064	52.401	ug/L	99
53) m,p-Xylene	9.137	106	202760	52.286	ug/L	98
54) o-Xylene	9.542	106	201606	52.058	ug/L	100
55) Styrene	9.558	104	345749	52.734	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	170255	53.957	ug/L	98
59) Bromoform	9.731	173	75180	54.674	ug/L	99
60) Isopropylbenzene	9.931	105	538553	52.935	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	154095	54.486	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	460347	52.988	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	461085	52.734	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	219111	52.667	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	218443	51.840	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	220119	52.925	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	42618	57.179	ug/L	94
69) 1,3,5-Trichlorobenzene	12.645	180	146138	52.968	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	130607	53.129	ug/L	99
71) Naphthalene	13.500	128	506004	56.145	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	132405	55.139	ug/L	100

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

