

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020222\
 Data File : VW024518.D
 Acq On : 02 Feb 2022 12:28
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050398

Quant Time: Feb 03 05:52:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM020222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 03 05:33:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	360157	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	327962	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	151743	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	126685	49.534	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.060%
7) Chloroethane-d5	1.568	69	111521	50.028	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.060%
11) 1,1-Dichloroethene-d2	2.108	63	255931	50.228	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.460%
21) 2-Butanone-d5	3.886	46	183998	108.774	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.770%
24) Chloroform-d	4.346	84	239527	50.995	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	5.031	65	155247	51.783	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.560%
32) Benzene-d6	5.047	84	471301	50.541	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.080%
36) 1,2-Dichloropropane-d6	6.066	67	150942	50.847	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.700%
41) Toluene-d8	7.314	98	435176	50.707	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.420%
43) trans-1,3-Dichloroprop...	7.619	79	79498	50.891	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.780%
47) 2-Hexanone-d5	8.085	63	140898	111.750	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.750%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	189817	53.336	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.680%
66) 1,2-Dichlorobenzene-d4	11.622	152	145926	50.828	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.660%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	137955	51.811	ug/L	99
3) Chloromethane	1.240	50	137181	51.678	ug/L	100
5) Vinyl chloride	1.311	62	146877	52.079	ug/L	98
6) Bromomethane	1.520	94	89975	51.828	ug/L	98
8) Chloroethane	1.584	64	100085	52.023	ug/L	100
9) Trichlorofluoromethane	1.751	101	219631	52.525	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	116114	52.418	ug/L	99
12) 1,1-Dichloroethene	2.118	96	110150	51.689	ug/L	100
13) Acetone	2.179	43	187798	105.609	ug/L	98
14) Carbon disulfide	2.291	76	307207	51.986	ug/L	99
15) Methyl Acetate	2.433	43	126877	53.860	ug/L	100
16) Methylene chloride	2.507	84	122328	51.968	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	113728	52.186	ug/L	99
18) Methyl tert-butyl Ether	2.764	73	406681	53.438	ug/L	100
19) 1,1-Dichloroethane	3.188	63	221194	52.364	ug/L	99
20) cis-1,2-Dichloroethene	3.909	96	129779	52.754	ug/L	100
22) 2-Butanone	3.970	43	222425	111.080	ug/L	99
23) Bromochloromethane	4.246	128	62337	52.657	ug/L	96
25) Chloroform	4.372	83	229430	52.196	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	182002	52.824	ug/L	99
29) Cyclohexane	4.677	56	202837	52.987	ug/L	99
30) 1,1,1-Trichloroethane	4.606	97	204891	52.245	ug/L	99
31) Carbon tetrachloride	4.828	117	170008	52.493	ug/L	100
33) Benzene	5.098	78	490519	52.567	ug/L	100
34) Trichloroethene	5.912	95	133927	50.940	ug/L	97
35) Methylcyclohexane	6.130	83	210137	52.972	ug/L	99
37) 1,2-Dichloropropane	6.169	63	131291	53.360	ug/L	100
38) Bromodichloromethane	6.507	83	180660	52.371	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	219013	54.229	ug/L	99
40) 4-Methyl-2-pentanone	7.224	43	384478	111.568	ug/L	99
42) Toluene	7.384	91	522293	52.245	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	213392	54.406	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	123942	52.690	ug/L	99
46) Tetrachloroethene	7.973	164	83120	53.213	ug/L	98
48) 2-Hexanone	8.137	43	326305	111.328	ug/L	99
49) Dibromochloromethane	8.243	129	133915	53.936	ug/L	100
50) 1,2-Dibromoethane	8.349	107	131246	53.655	ug/L	99
51) Chlorobenzene	8.879	112	328105	52.590	ug/L	99
52) Ethylbenzene	9.008	91	580451	52.466	ug/L	99
53) m,p-Xylene	9.137	106	218147	52.697	ug/L	98
54) o-Xylene	9.542	106	213989	51.761	ug/L	100
55) Styrene	9.558	104	370220	52.896	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	184860	54.881	ug/L	99
59) Bromoform	9.728	173	80991	55.300	ug/L	99
60) Isopropylbenzene	9.931	105	575010	53.064	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	163523	54.286	ug/L	100
62) 1,3,5-Trimethylbenzene	10.535	105	491800	53.148	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	493280	52.968	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	237361	53.566	ug/L	100
65) 1,4-Dichlorobenzene	11.272	146	236797	52.761	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	233709	52.757	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	45291	57.051	ug/L	97
69) 1,3,5-Trichlorobenzene	12.641	180	158460	53.924	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	143966	54.984	ug/L	99
71) Naphthalene	13.500	128	551533	57.456	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	141840	55.457	ug/L	99

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

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