

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020322\
 Data File : VW024538.D
 Acq On : 03 Feb 2022 09:58
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050281

Quant Time: Feb 04 03:37:59 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	5.612	114	332883	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	304036	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	141776	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	109820	46.458	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.920%
7) Chloroethane-d5	1.564	69	109506	53.149	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.300%
11) 1,1-Dichloroethene-d2	2.105	63	229344	48.698	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.400%
21) 2-Butanone-d5	3.879	46	166760	106.660	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.660%
24) Chloroform-d	4.342	84	215552	49.651	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.300%
26) 1,2-Dichloroethane-d4	5.027	65	138418	49.952	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.900%
32) Benzene-d6	5.043	84	423965	49.043	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.080%
36) 1,2-Dichloropropane-d6	6.066	67	135927	49.392	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.780%
41) Toluene-d8	7.313	98	385769	48.488	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.980%
43) trans-1,3-Dichloroprop...	7.619	79	69340	47.881	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.760%
47) 2-Hexanone-d5	8.085	63	122221	104.565	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.560%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	165588	50.189	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.380%
66) 1,2-Dichlorobenzene-d4	11.622	152	131364	48.973	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.940%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	124322	50.516	ug/L	100
3) Chloromethane	1.240	50	126642	51.617	ug/L	98
5) Vinyl chloride	1.310	62	136594	52.402	ug/L	98
6) Bromomethane	1.519	94	87984	54.834	ug/L	98
8) Chloroethane	1.584	64	104205	58.603	ug/L	97
9) Trichlorofluoromethane	1.751	101	205988	53.299	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	108319	52.906	ug/L	98
12) 1,1-Dichloroethene	2.114	96	103450	52.522	ug/L	93
13) Acetone	2.175	43	162804	99.055	ug/L	99
14) Carbon disulfide	2.291	76	277532	50.812	ug/L	99
15) Methyl Acetate	2.429	43	117413	53.926	ug/L	99
16) Methylene chloride	2.503	84	112648	51.777	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	103583	51.426	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	369045	52.466	ug/L	100
19) 1,1-Dichloroethane	3.185	63	205445	52.620	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	118752	52.226	ug/L	99
22) 2-Butanone	3.963	43	193143	104.360	ug/L	96
23) Bromochloromethane	4.243	128	57714	52.746	ug/L	95
25) Chloroform	4.371	83	212998	52.428	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	166002	52.128	ug/L	99
29) Cyclohexane	4.674	56	180159	50.767	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	191057	52.551	ug/L	99
31) Carbon tetrachloride	4.825	117	158558	52.811	ug/L	100
33) Benzene	5.095	78	452270	52.282	ug/L	100
34) Trichloroethene	5.908	95	128546	52.741	ug/L	97
35) Methylcyclohexane	6.127	83	186410	50.689	ug/L	100
37) 1,2-Dichloropropane	6.169	63	120193	52.694	ug/L	100
38) Bromodichloromethane	6.503	83	166408	52.036	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	200400	53.525	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	346178	108.359	ug/L	100
42) Toluene	7.384	91	484518	52.281	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	191169	52.576	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	114633	52.567	ug/L	99
46) Tetrachloroethene	7.972	164	75031	51.815	ug/L	97
48) 2-Hexanone	8.136	43	282135	103.833	ug/L	99
49) Dibromochloromethane	8.243	129	122336	53.150	ug/L	99
50) 1,2-Dibromoethane	8.349	107	120142	52.981	ug/L	99
51) Chlorobenzene	8.879	112	299929	51.857	ug/L	98
52) Ethylbenzene	9.008	91	533123	51.981	ug/L	97
53) m,p-Xylene	9.136	106	201594	52.530	ug/L	99
54) o-Xylene	9.542	106	200880	52.414	ug/L	97
55) Styrene	9.558	104	339753	52.363	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	157950	50.582	ug/L	99
59) Bromoform	9.728	173	74684	54.578	ug/L	99
60) Isopropylbenzene	9.927	105	531347	52.481	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	149680	53.183	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	450398	52.095	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	450605	51.787	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	217611	52.562	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	215587	51.412	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	217032	52.437	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	38266	51.591	ug/L	97
69) 1,3,5-Trichlorobenzene	12.641	180	144669	52.691	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	128996	52.730	ug/L	99
71) Naphthalene	13.500	128	485265	54.107	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	128600	53.815	ug/L	100

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

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