

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW123121\
 Data File : VW024261.D
 Acq On : 31 Dec 2021 03:45
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050376

Quant Time: Dec 31 06:19:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 31 06:12:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	250782	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	236071	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	131669	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	88826	49.215	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.440%
7) Chloroethane-d5	1.568	69	65792	47.986	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.980%
11) 1,1-Dichloroethene-d2	2.111	63	162323	48.122	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.240%
21) 2-Butanone-d5	3.886	46	98198	97.655	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.660%
24) Chloroform-d	4.349	84	158232	47.969	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.940%
26) 1,2-Dichloroethane-d4	5.031	65	107305	48.587	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.180%
32) Benzene-d6	5.050	84	302355	49.080	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.160%
36) 1,2-Dichloropropane-d6	6.069	67	83605	48.425	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.840%
41) Toluene-d8	7.317	98	295704	49.576	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.160%
43) trans-1,3-Dichloroprop...	7.622	79	48014	48.296	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.600%
47) 2-Hexanone-d5	8.088	63	74691	99.576	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.580%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	115044	46.628	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.260%
66) 1,2-Dichlorobenzene-d4	11.622	152	126382	48.155	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.131	85	96507	47.700	ug/L	99
3) Chloromethane	1.243	50	86345	50.797	ug/L	98
5) Vinyl chloride	1.311	62	92348	51.346	ug/L	99
6) Bromomethane	1.523	94	59601	58.154	ug/L	99
8) Chloroethane	1.587	64	56054	50.493	ug/L	97
9) Trichlorofluoromethane	1.754	101	159704	49.400	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	72766	46.055	ug/L	99
12) 1,1-Dichloroethene	2.121	96	76076	49.802	ug/L	95
13) Acetone	2.182	43	72060	72.581	ug/L	100
14) Carbon disulfide	2.298	76	216423	48.795	ug/L	100
15) Methyl Acetate	2.433	43	70572	48.872	ug/L	99
16) Methylene chloride	2.507	84	81546	49.021	ug/L	97
17) trans-1,2-Dichloroethene	2.761	96	79544	50.534	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	251668	51.876	ug/L	100
19) 1,1-Dichloroethane	3.192	63	131355	50.312	ug/L	100
20) cis-1,2-Dichloroethene	3.912	96	84583	50.314	ug/L	98
22) 2-Butanone	3.970	43	97100	92.071	ug/L	95
23) Bromochloromethane	4.249	128	48219	49.779	ug/L	97
25) Chloroform	4.375	83	150711	49.372	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	124392	50.101	ug/L	99
29) Cyclohexane	4.680	56	102363	48.507	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	146215	50.338	ug/L	99
31) Carbon tetrachloride	4.828	117	132531	49.182	ug/L	98
33) Benzene	5.101	78	302121	50.331	ug/L	100
34) Trichloroethene	5.915	95	84182	50.856	ug/L	99
35) Methylcyclohexane	6.134	83	111081	45.248	ug/L	99
37) 1,2-Dichloropropane	6.172	63	70351	49.828	ug/L	100
38) Bromodichloromethane	6.510	83	111926	50.518	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	123256	51.933	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	190080	103.244	ug/L	99
42) Toluene	7.388	91	347390	51.556	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	122066	50.701	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	78354	49.504	ug/L	98
46) Tetrachloroethene	7.976	164	74992	49.775	ug/L	97
48) 2-Hexanone	8.140	43	152386	103.051	ug/L	99
49) Dibromochloromethane	8.246	129	100261	50.535	ug/L	99
50) 1,2-Dibromoethane	8.352	107	85186	50.108	ug/L	98
51) Chlorobenzene	8.879	112	227654	50.161	ug/L	98
52) Ethylbenzene	9.011	91	367653	51.074	ug/L	100
53) m,p-Xylene	9.137	106	145886	50.560	ug/L	97
54) o-Xylene	9.542	106	146913	53.338	ug/L	98
55) Styrene	9.558	104	253981	53.098	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	110682	47.890	ug/L	99
59) Bromoform	9.731	173	74125	49.371	ug/L	99
60) Isopropylbenzene	9.931	105	379089	52.030	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	95925	49.614	ug/L	98
62) 1,3,5-Trimethylbenzene	10.539	105	331966	52.968	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	333294	53.268	ug/L	97
64) 1,3-Dichlorobenzene	11.182	146	192650	51.282	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	198320	51.190	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	193830	50.063	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	26652	47.862	ug/L	92
69) 1,3,5-Trichlorobenzene	12.645	180	145360	50.305	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	128142	51.853	ug/L	100
71) Naphthalene	13.500	128	382348	53.476	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	134200	52.542	ug/L	100

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

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