

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW010522\
 Data File : VW024275.D
 Acq On : 05 Jan 2022 13:40
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050377

Quant Time: Jan 06 00:46:59 2022
 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	233710	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	219193	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	127892	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	80386	47.792	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.580%
7) Chloroethane-d5	1.571	69	64161	50.215	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.420%
11) 1,1-Dichloroethene-d2	2.111	63	155229	49.380	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.760%
21) 2-Butanone-d5	3.886	46	98328	104.927	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.930%
24) Chloroform-d	4.346	84	162430	52.839	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.680%
26) 1,2-Dichloroethane-d4	5.031	65	108366	52.652	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.300%
32) Benzene-d6	5.047	84	302234	52.838	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.680%
36) 1,2-Dichloropropane-d6	6.066	67	83011	51.783	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.560%
41) Toluene-d8	7.313	98	295397	53.338	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.680%
43) trans-1,3-Dichloroprop...	7.619	79	50178	54.359	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.720%
47) 2-Hexanone-d5	8.085	63	73793	105.954	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.950%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	119022	51.954	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.900%
66) 1,2-Dichlorobenzene-d4	11.622	152	128973	50.593	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.180%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	92405	49.009	ug/L	99
3) Chloromethane	1.243	50	79629	50.268	ug/L	96
5) Vinyl chloride	1.314	62	81771	48.786	ug/L	94
6) Bromomethane	1.526	94	57463	60.164	ug/L	99
8) Chloroethane	1.587	64	51691	49.964	ug/L	96
9) Trichlorofluoromethane	1.754	101	151927	50.427	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	76075	51.667	ug/L	98
12) 1,1-Dichloroethene	2.121	96	71091	49.939	ug/L	92
13) Acetone	2.182	43	106000	114.566	ug/L	99
14) Carbon disulfide	2.298	76	196811	47.615	ug/L	100
15) Methyl Acetate	2.433	43	68754	51.092	ug/L	100
16) Methylene chloride	2.507	84	81515	52.582	ug/L	98
17) trans-1,2-Dichloroethene	2.761	96	75590	51.530	ug/L	97
18) Methyl tert-butyl Ether	2.767	73	247795	54.809	ug/L	100
19) 1,1-Dichloroethane	3.188	63	127241	52.296	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	81535	52.043	ug/L	97
22) 2-Butanone	3.970	43	106042	107.894	ug/L	95
23) Bromochloromethane	4.246	128	47504	52.623	ug/L	95
25) Chloroform	4.375	83	147783	51.949	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	121533	52.525	ug/L	99
29) Cyclohexane	4.677	56	103082	52.609	ug/L	98
30) 1,1,1-Trichloroethane	4.606	97	137715	51.063	ug/L	99
31) Carbon tetrachloride	4.828	117	128897	51.516	ug/L	100
33) Benzene	5.098	78	298121	53.489	ug/L	100
34) Trichloroethene	5.912	95	82903	53.940	ug/L	96
35) Methylcyclohexane	6.130	83	123641	54.242	ug/L	99
37) 1,2-Dichloropropane	6.172	63	70148	53.510	ug/L	99
38) Bromodichloromethane	6.506	83	110243	53.590	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	118270	53.669	ug/L	97
40) 4-Methyl-2-pentanone	7.223	43	185811	108.696	ug/L	99
42) Toluene	7.384	91	335419	53.612	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	122996	55.021	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	77605	52.806	ug/L	97
46) Tetrachloroethene	7.973	164	73875	52.809	ug/L	97
48) 2-Hexanone	8.137	43	161236	117.432	ug/L	99
49) Dibromochloromethane	8.243	129	96868	52.584	ug/L	97
50) 1,2-Dibromoethane	8.349	107	86217	54.619	ug/L	100
51) Chlorobenzene	8.879	112	222282	52.749	ug/L	99
52) Ethylbenzene	9.011	91	356384	53.320	ug/L	99
53) m,p-Xylene	9.137	106	143223	53.459	ug/L	100
54) o-Xylene	9.542	106	143138	55.969	ug/L	97
55) Styrene	9.558	104	245802	55.345	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	110526	51.504	ug/L	100
59) Bromoform	9.728	173	73375	50.315	ug/L	98
60) Isopropylbenzene	9.927	105	375266	53.026	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	94530	50.337	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	328165	53.908	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	331789	54.594	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	191878	52.585	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	194137	51.590	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	193802	51.534	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	25893	47.873	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	150445	53.602	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	128115	53.373	ug/L	97
71) Naphthalene	13.500	128	364100	52.428	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	131567	53.033	ug/L	99

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

