

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012022\
 Data File : VW024409.D
 Acq On : 20 Jan 2022 11:23
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050396

Quant Time: Jan 21 00:00:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 20 01:01:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	240940	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	227514	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	130618	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	85638	49.387	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	98.780%		
7) Chloroethane-d5	1.568	69	64959	49.314	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.620%		
11) 1,1-Dichloroethene-d2	2.108	63	157291	48.535	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.060%		
21) 2-Butanone-d5	3.879	46	91900	95.125	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.130%		
24) Chloroform-d	4.342	84	158483	50.008	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.020%		
26) 1,2-Dichloroethane-d4	5.024	65	103492	48.775	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.540%		
32) Benzene-d6	5.043	84	298821	50.331	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.660%		
36) 1,2-Dichloropropane-d6	6.063	67	84891	51.019	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	102.040%		
41) Toluene-d8	7.310	98	295780	51.454	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.900%		
43) trans-1,3-Dichloroprop...	7.616	79	47789	49.877	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	99.760%		
47) 2-Hexanone-d5	8.085	63	67603	93.516	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	93.520%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	112415	47.276	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.560%		
66) 1,2-Dichlorobenzene-d4	11.622	152	127211	48.861	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.720%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	94490	48.611	ug/L	99
3) Chloromethane	1.243	50	73809	45.196	ug/L	99
5) Vinyl chloride	1.314	62	77683	44.956	ug/L	97
6) Bromomethane	1.523	94	49988	50.767	ug/L	99
8) Chloroethane	1.584	64	43477	40.763	ug/L	96
9) Trichlorofluoromethane	1.754	101	129962	41.842	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	67734	44.621	ug/L	100
12) 1,1-Dichloroethene	2.117	96	61805	42.113	ug/L #	75
13) Acetone	2.175	43	94537	99.111	ug/L	99
14) Carbon disulfide	2.294	76	173455	40.705	ug/L	100
15) Methyl Acetate	2.429	43	56794	40.938	ug/L	98
16) Methylene chloride	2.507	84	65526	40.999	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	63510	41.995	ug/L	100
18) Methyl tert-butyl Ether	2.764	73	195668	41.981	ug/L	99
19) 1,1-Dichloroethane	3.185	63	105804	42.180	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	69101	42.783	ug/L	98
22) 2-Butanone	3.963	43	86900	85.765	ug/L	96
23) Bromochloromethane	4.243	128	40146	43.138	ug/L	98
25) Chloroform	4.368	83	122886	41.901	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	95628	40.089	ug/L	98
29) Cyclohexane	4.670	56	92130	45.300	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	116545	41.633	ug/L	99
31) Carbon tetrachloride	4.825	117	108925	41.942	ug/L	100
33) Benzene	5.095	78	250782	43.350	ug/L	100
34) Trichloroethene	5.908	95	70830	44.399	ug/L	99
35) Methylcyclohexane	6.127	83	104437	44.142	ug/L	98
37) 1,2-Dichloropropane	6.169	63	59193	43.502	ug/L	100
38) Bromodichloromethane	6.503	83	88857	41.615	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	97398	42.581	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	150049	84.566	ug/L	99
42) Toluene	7.384	91	287838	44.324	ug/L	98
44) trans-1,3-Dichloropropene	7.645	75	100892	43.483	ug/L	100
45) 1,1,2-Trichloroethane	7.834	97	65191	42.736	ug/L	97
46) Tetrachloroethene	7.973	164	63917	44.019	ug/L	98
48) 2-Hexanone	8.137	43	131790	92.475	ug/L	98
49) Dibromochloromethane	8.243	129	77041	40.292	ug/L	95
50) 1,2-Dibromoethane	8.349	107	69495	42.416	ug/L	97
51) Chlorobenzene	8.879	112	185519	42.415	ug/L	99
52) Ethylbenzene	9.008	91	306155	44.130	ug/L	100
53) m,p-Xylene	9.136	106	125190	45.019	ug/L	97
54) o-Xylene	9.542	106	117784	44.371	ug/L	98
55) Styrene	9.558	104	204281	44.314	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	87455	39.263	ug/L	97
59) Bromoform	9.728	173	56696	38.066	ug/L	99
60) Isopropylbenzene	9.927	105	314911	43.569	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	74435	38.809	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	271445	43.660	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	272938	43.973	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	161343	43.294	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	163537	42.551	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	159149	41.436	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	19676	35.619	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	122209	42.633	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	103420	42.186	ug/L	99
71) Naphthalene	13.500	128	279632	39.425	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	103439	40.825	ug/L	99

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

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