

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011422\
 Data File : VW024359.D
 Acq On : 14 Jan 2022 12:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050385

Quant Time: Jan 17 07:18:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 13 02:28:22 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	210721	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	200490	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	115767	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	72178	47.594	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.180%
7) Chloroethane-d5	1.568	69	58750	50.996	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.000%
11) 1,1-Dichloroethene-d2	2.108	63	142823	50.390	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.780%
21) 2-Butanone-d5	3.876	46	101388	119.996	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	120.000%
24) Chloroform-d	4.343	84	159917	57.696	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.400%
26) 1,2-Dichloroethane-d4	5.024	65	103254	55.641	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.280%
32) Benzene-d6	5.044	84	296021	56.580	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.160%
36) 1,2-Dichloropropane-d6	6.066	67	85061	58.012	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	116.020%
41) Toluene-d8	7.310	98	289554	57.160	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.320%
43) trans-1,3-Dichloroprop...	7.616	79	47960	56.803	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	113.600%
47) 2-Hexanone-d5	8.082	63	73593	115.524	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.520%
56) 1,1,2,2-Tetrachloroeth...	10.211	84	120567	57.538	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	115.080%
66) 1,2-Dichlorobenzene-d4	11.622	152	127616	55.304	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.131	85	75047	44.145	ug/L	99
3) Chloromethane	1.243	50	67601	47.331	ug/L	98
5) Vinyl chloride	1.311	62	74572	49.345	ug/L	96
6) Bromomethane	1.523	94	49354	57.311	ug/L	95
8) Chloroethane	1.584	64	45233	48.492	ug/L	99
9) Trichlorofluoromethane	1.751	101	137237	50.520	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	73043	55.019	ug/L	99
12) 1,1-Dichloroethene	2.118	96	64737	50.436	ug/L	89
13) Acetone	2.172	43	106664	127.861	ug/L	99
14) Carbon disulfide	2.294	76	156243	41.924	ug/L	100
15) Methyl Acetate	2.430	43	64826	53.428	ug/L	100
16) Methylene chloride	2.503	84	73359	52.483	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	67032	50.681	ug/L	99
18) Methyl tert-butyl Ether	2.764	73	227444	55.796	ug/L	99
19) 1,1-Dichloroethane	3.185	63	122526	55.852	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	77155	54.620	ug/L	100
22) 2-Butanone	3.960	43	110844	125.084	ug/L	93
23) Bromochloromethane	4.243	128	44929	55.201	ug/L	96
25) Chloroform	4.368	83	166345	64.853	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	109947	52.701	ug/L	97
29) Cyclohexane	4.674	56	95133	53.082	ug/L	97
30) 1,1,1-Trichloroethane	4.603	97	134741	54.621	ug/L	98
31) Carbon tetrachloride	4.822	117	119975	52.424	ug/L	98
33) Benzene	5.095	78	279362	54.799	ug/L	100
34) Trichloroethene	5.908	95	78540	55.868	ug/L	99
35) Methylcyclohexane	6.127	83	109007	52.283	ug/L	96
37) 1,2-Dichloropropane	6.169	63	68886	57.449	ug/L	99
38) Bromodichloromethane	6.503	83	108228	57.519	ug/L	100
39) cis-1,3-Dichloropropene	7.021	75	110519	54.831	ug/L	97
40) 4-Methyl-2-pentanone	7.220	43	183692	117.481	ug/L	99
42) Toluene	7.384	91	318170	55.599	ug/L	100
44) trans-1,3-Dichloropropene	7.645	75	115823	56.646	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	76019	56.552	ug/L	98
46) Tetrachloroethene	7.973	164	68041	53.176	ug/L	98
48) 2-Hexanone	8.133	43	155477	123.801	ug/L	99
49) Dibromochloromethane	8.243	129	93315	55.381	ug/L	98
50) 1,2-Dibromoethane	8.346	107	81243	56.270	ug/L	97
51) Chlorobenzene	8.876	112	212988	55.258	ug/L	100
52) Ethylbenzene	9.008	91	342519	56.026	ug/L	99
53) m,p-Xylene	9.133	106	139657	56.991	ug/L	97
54) o-Xylene	9.542	106	133568	57.099	ug/L	99
55) Styrene	9.558	104	239893	59.054	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	107934	54.988	ug/L	99
59) Bromoform	9.728	173	68492	51.885	ug/L	99
60) Isopropylbenzene	9.928	105	362382	56.569	ug/L	100
61) 1,2,3-Trichloropropane	10.268	75	91426	53.783	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	310612	56.368	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	314644	57.195	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	187263	56.695	ug/L	100
65) 1,4-Dichlorobenzene	11.272	146	189159	55.532	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	185535	54.503	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	24308	49.649	ug/L	94
69) 1,3,5-Trichlorobenzene	12.645	180	141489	55.691	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	121773	56.044	ug/L	98
71) Naphthalene	13.500	128	348339	55.412	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	125669	55.961	ug/L	100

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

