

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011922\
 Data File : VW024407.D
 Acq On : 19 Jan 2022 16:18
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050395

Quant Time: Jan 20 01:03:11 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	5.609	114	234182	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	218195	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	124647	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	98034	58.167	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 116.340%		
7) Chloroethane-d5	1.568	69	70760	55.268	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 110.540%		
11) 1,1-Dichloroethene-d2	2.111	63	168444	53.476	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 106.960%		
21) 2-Butanone-d5	3.880	46	96911	103.207	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 103.210%		
24) Chloroform-d	4.343	84	167433	54.356	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 108.720%		
26) 1,2-Dichloroethane-d4	5.024	65	108347	52.536	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 105.080%		
32) Benzene-d6	5.043	84	316971	55.668	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 111.340%		
36) 1,2-Dichloropropane-d6	6.063	67	88079	55.196	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 110.400%		
41) Toluene-d8	7.310	98	310737	56.364	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 112.720%		
43) trans-1,3-Dichloroprop...	7.616	79	51192	55.711	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 111.420%		
47) 2-Hexanone-d5	8.082	63	72213	104.160	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 104.160%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	116039	50.884	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 101.760%		
66) 1,2-Dichlorobenzene-d4	11.622	152	131861	53.073	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 106.140%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	109472	57.943	ug/L	99
3) Chloromethane	1.243	50	93210	58.723	ug/L	97
5) Vinyl chloride	1.314	62	93678	55.777	ug/L	95
6) Bromomethane	1.526	94	61814	64.589	ug/L	98
8) Chloroethane	1.587	64	53312	51.427	ug/L	97
9) Trichlorofluoromethane	1.754	101	150918	49.991	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	73033	49.501	ug/L	99
12) 1,1-Dichloroethene	2.121	96	71222	49.930	ug/L	92
13) Acetone	2.175	43	96249	103.817	ug/L	99
14) Carbon disulfide	2.294	76	200453	48.398	ug/L	99
15) Methyl Acetate	2.429	43	65886	48.862	ug/L	100
16) Methylene chloride	2.507	84	77568	49.935	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	74153	50.448	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	244310	53.929	ug/L	100
19) 1,1-Dichloroethane	3.188	63	125076	51.303	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	80100	51.024	ug/L	100
22) 2-Butanone	3.960	43	99227	100.757	ug/L	97
23) Bromochloromethane	4.243	128	44904	49.643	ug/L	98
25) Chloroform	4.368	83	141489	49.636	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	114479	49.376	ug/L	99
29) Cyclohexane	4.674	56	103011	52.813	ug/L	100
30) 1,1,1-Trichloroethane	4.603	97	135990	50.654	ug/L	99
31) Carbon tetrachloride	4.825	117	124382	49.939	ug/L	99
33) Benzene	5.095	78	289257	52.136	ug/L	100
34) Trichloroethene	5.908	95	80693	52.742	ug/L	97
35) Methylcyclohexane	6.127	83	113741	50.127	ug/L	99
37) 1,2-Dichloropropane	6.169	63	69247	53.064	ug/L	99
38) Bromodichloromethane	6.503	83	107594	52.542	ug/L	98
39) cis-1,3-Dichloropropene	7.021	75	116427	53.075	ug/L	97
40) 4-Methyl-2-pentanone	7.220	43	177585	104.359	ug/L	99
42) Toluene	7.384	91	327051	52.514	ug/L	100
44) trans-1,3-Dichloropropene	7.645	75	120596	54.195	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	73874	50.497	ug/L	99
46) Tetrachloroethene	7.969	164	71104	51.060	ug/L	98
48) 2-Hexanone	8.133	43	147098	107.625	ug/L	99
49) Dibromochloromethane	8.243	129	93880	51.195	ug/L	99
50) 1,2-Dibromoethane	8.349	107	81500	51.867	ug/L	99
51) Chlorobenzene	8.876	112	215085	51.274	ug/L	99
52) Ethylbenzene	9.008	91	344303	51.748	ug/L	99
53) m,p-Xylene	9.133	106	139304	52.234	ug/L	97
54) o-Xylene	9.542	106	135471	53.213	ug/L	98
55) Styrene	9.558	104	233146	52.736	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.236	83	102178	47.832	ug/L	98
59) Bromoform	9.728	173	69320	48.771	ug/L	99
60) Isopropylbenzene	9.928	105	357112	51.775	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	89907	49.121	ug/L	97
62) 1,3,5-Trimethylbenzene	10.535	105	307970	51.907	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	312885	52.824	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	183023	51.464	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	182972	49.889	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	179896	49.081	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	24129	45.773	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	137178	50.147	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	121576	51.967	ug/L	100
71) Naphthalene	13.500	128	336413	49.702	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	117751	48.699	ug/L	99

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

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