

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011922\
 Data File : VW024402.D
 Acq On : 19 Jan 2022 09:47
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050394

Quant Time: Jan 20 00:57:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 19 01:03:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	267605	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	255456	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	144103	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	105542	54.801	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 109.600%			
7) Chloroethane-d5	1.568	69	77954	53.282	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 106.560%			
11) 1,1-Dichloroethene-d2	2.108	63	186519	51.818	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 103.640%			
21) 2-Butanone-d5	3.880	46	101195	94.309	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 94.310%			
24) Chloroform-d	4.339	84	182297	51.790	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.580%			
26) 1,2-Dichloroethane-d4	5.024	65	116362	49.376	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.760%			
32) Benzene-d6	5.043	84	346604	51.994	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.980%			
36) 1,2-Dichloropropane-d6	6.063	67	97817	52.357	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.720%			
41) Toluene-d8	7.310	98	344697	53.405	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.800%			
43) trans-1,3-Dichloroprop...	7.616	79	54299	50.473	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 100.940%			
47) 2-Hexanone-d5	8.085	63	77342	95.286	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 95.290%			
56) 1,1,2,2-Tetrachloroeth...	10.210	84	126030	47.204	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.400%			
66) 1,2-Dichlorobenzene-d4	11.622	152	144919	50.453	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.900%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	128761	59.641	ug/L	98
3) Chloromethane	1.243	50	102757	56.652	ug/L	99
5) Vinyl chloride	1.314	62	106773	55.634	ug/L	96
6) Bromomethane	1.523	94	67210	61.456	ug/L	98
8) Chloroethane	1.587	64	59295	50.054	ug/L	98
9) Trichlorofluoromethane	1.754	101	170361	49.383	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	89236	52.929	ug/L	99
12) 1,1-Dichloroethene	2.118	96	83031	50.938	ug/L	84
13) Acetone	2.179	43	132456	125.027	ug/L	99
14) Carbon disulfide	2.294	76	234095	49.462	ug/L	98
15) Methyl Acetate	2.429	43	71913	46.670	ug/L	98
16) Methylene chloride	2.507	84	86161	48.539	ug/L	96
17) trans-1,2-Dichloroethene	2.757	96	84325	50.203	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	265096	51.209	ug/L	100
19) 1,1-Dichloroethane	3.185	63	138213	49.610	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	89518	49.902	ug/L	98
22) 2-Butanone	3.963	43	126651	112.542	ug/L	92
23) Bromochloromethane	4.243	128	50805	49.152	ug/L	92
25) Chloroform	4.368	83	160786	49.361	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	127564	48.148	ug/L	99
29) Cyclohexane	4.670	56	126211	55.270	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	152532	48.528	ug/L	99
31) Carbon tetrachloride	4.822	117	144360	49.506	ug/L	99
33) Benzene	5.095	78	330398	50.865	ug/L	100
34) Trichloroethene	5.908	95	95033	53.054	ug/L	98
35) Methylcyclohexane	6.127	83	143754	54.114	ug/L	99
37) 1,2-Dichloropropane	6.166	63	78727	51.529	ug/L	99
38) Bromodichloromethane	6.503	83	120997	50.468	ug/L	100
39) cis-1,3-Dichloropropene	7.021	75	136304	53.073	ug/L	96
40) 4-Methyl-2-pentanone	7.220	43	199008	99.891	ug/L	99
42) Toluene	7.384	91	379941	52.108	ug/L	100
44) trans-1,3-Dichloropropene	7.645	75	133149	51.108	ug/L	97
45) 1,1,2-Trichloroethane	7.834	97	85192	49.740	ug/L	97
46) Tetrachloroethene	7.973	164	83546	51.244	ug/L	97
48) 2-Hexanone	8.133	43	180048	112.518	ug/L	98
49) Dibromochloromethane	8.243	129	104498	48.673	ug/L	99
50) 1,2-Dibromoethane	8.349	107	90759	49.335	ug/L	98
51) Chlorobenzene	8.876	112	250317	50.969	ug/L	100
52) Ethylbenzene	9.008	91	410600	52.711	ug/L	100
53) m,p-Xylene	9.133	106	162939	52.185	ug/L	99
54) o-Xylene	9.538	106	158236	53.090	ug/L	99
55) Styrene	9.558	104	273535	52.847	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	113308	45.305	ug/L	98
59) Bromoform	9.728	173	77265	47.022	ug/L	97
60) Isopropylbenzene	9.928	105	427501	53.612	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	98915	46.746	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	363143	52.943	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	369450	53.952	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	213437	51.913	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	217493	51.295	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	209712	49.491	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	25943	42.569	ug/L	99
69) 1,3,5-Trichlorobenzene	12.644	180	163131	51.583	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	137837	50.963	ug/L	98
71) Naphthalene	13.500	128	375460	47.982	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	137326	49.127	ug/L	99

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

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