

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060622\
 Data File : VW025992.D
 Acq On : 06 Jun 2022 09:38
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050299

Quant Time: Jun 07 02:22:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 03 00:06:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	344723	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	349484	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	204093	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	156009	35.066	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.140%
7) Chloroethane-d5	1.571	69	132842	34.001	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	68.000%#
11) 1,1-Dichloroethene-d2	2.111	63	312958	40.220	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.440%
21) 2-Butanone-d5	3.896	46	143483	75.245	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	75.240%
24) Chloroform-d	4.346	84	287756	46.307	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.620%
26) 1,2-Dichloroethane-d4	5.027	65	162148	43.175	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.360%
32) Benzene-d6	5.047	84	543714	44.627	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.260%
36) 1,2-Dichloropropane-d6	6.066	67	173365	46.329	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.660%
41) Toluene-d8	7.310	98	521952	46.497	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.000%
43) trans-1,3-Dichloroprop...	7.616	79	79374	47.517	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.040%
47) 2-Hexanone-d5	8.085	63	130078	94.814	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.810%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	237164	47.525	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.060%
66) 1,2-Dichlorobenzene-d4	11.622	152	207194	46.280	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	166669	46.763	ug/L	99
3) Chloromethane	1.246	50	188299	43.684	ug/L	100
5) Vinyl chloride	1.314	62	200568	45.768	ug/L	99
6) Bromomethane	1.526	94	118271	44.414	ug/L	99
8) Chloroethane	1.587	64	132225	40.402	ug/L	99
9) Trichlorofluoromethane	1.757	101	288282	46.290	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	169759	51.305	ug/L	98
12) 1,1-Dichloroethene	2.121	96	158977	48.850	ug/L	88
13) Acetone	2.188	43	165158	126.922	ug/L	99
14) Carbon disulfide	2.294	76	385242	47.859	ug/L	100
15) Methyl Acetate	2.436	43	106147	38.075	ug/L	91
16) Methylene chloride	2.507	84	165303	52.440	ug/L	99
17) trans-1,2-Dichloroethene	2.761	96	144024	51.511	ug/L	98
18) Methyl tert-butyl Ether	2.770	73	432727	53.215	ug/L	98
19) 1,1-Dichloroethane	3.188	63	277426	53.123	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	153942	51.008	ug/L	100
22) 2-Butanone	3.976	43	180431	103.974	ug/L	98
23) Bromochloromethane	4.246	128	82916	52.014	ug/L	97
25) Chloroform	4.371	83	287239	51.905	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	207858	49.680	ug/L	98
29) Cyclohexane	4.677	56	223164	52.744	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	250879	52.857	ug/L	97
31) Carbon tetrachloride	4.825	117	210675	52.870	ug/L	99
33) Benzene	5.095	78	622740	52.920	ug/L	100
34) Trichloroethene	5.908	95	161425	52.447	ug/L	98
35) Methylcyclohexane	6.127	83	253909	55.081	ug/L	99
37) 1,2-Dichloropropane	6.169	63	162889	55.103	ug/L	100
38) Bromodichloromethane	6.503	83	213784	53.480	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	228331	54.165	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	368773	106.724	ug/L	98
42) Toluene	7.384	91	671793	53.216	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	222611	54.891	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	161598	53.801	ug/L	99
46) Tetrachloroethene	7.973	164	121328	53.439	ug/L	97
48) 2-Hexanone	8.137	43	332611	123.715	ug/L	96
49) Dibromochloromethane	8.243	129	164130	55.399	ug/L	100
50) 1,2-Dibromoethane	8.349	107	161011	52.714	ug/L	99
51) Chlorobenzene	8.876	112	422385	52.252	ug/L	99
52) Ethylbenzene	9.008	91	706054	54.212	ug/L	100
53) m,p-Xylene	9.133	106	280290	55.485	ug/L	99
54) o-Xylene	9.542	106	271066	54.625	ug/L	99
55) Styrene	9.558	104	492851	56.999	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.236	83	236223	52.711	ug/L	99
59) Bromoform	9.728	173	104306	52.980	ug/L	100
60) Isopropylbenzene	9.927	105	720756	52.722	ug/L	100
61) 1,2,3-Trichloropropane	10.268	75	196058	48.533	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	367133	52.101	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	591715	54.122	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	343371	53.063	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	347755	51.280	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	340872	50.927	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	43639	46.791	ug/L	89
69) 1,3,5-Trichlorobenzene	12.641	180	242981	54.382	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	207011	54.409	ug/L	100
71) Naphthalene	13.500	128	604567	53.654	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	216078	55.730	ug/L	99

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

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