

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091721\
 Data File : VV022171.D
 Acq On : 17 Sep 2021 08:58
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050337

Quant Time: Sep 18 02:45:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 17 01:54:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	304774	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	298974	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	162412	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	92320	43.741	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.480%
7) Chloroethane-d5	1.558	69	82017	49.761	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.520%
11) 1,1-Dichloroethene-d2	2.105	63	184270	52.791	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.580%
21) 2-Butanone-d5	3.873	46	155749	107.600	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.600%
24) Chloroform-d	4.346	84	208419	54.156	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.320%
26) 1,2-Dichloroethane-d4	5.031	65	123752	54.593	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.180%
32) Benzene-d6	5.047	84	407089	50.201	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.400%
36) 1,2-Dichloropropane-d6	6.069	67	127187	49.873	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.740%
41) Toluene-d8	7.317	98	381691	49.862	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.720%
43) trans-1,3-Dichloroprop...	7.622	79	58890	48.517	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.040%
47) 2-Hexanone-d5	8.088	63	104126	106.412	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.410%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	178761	54.732	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.460%
66) 1,2-Dichlorobenzene-d4	11.625	152	158493	49.640	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	84006	40.099	ug/L	100
3) Chloromethane	1.240	50	91605	41.294	ug/L	96
5) Vinyl chloride	1.311	62	98249	43.942	ug/L	99
6) Bromomethane	1.507	94	63456	47.205	ug/L	100
8) Chloroethane	1.574	64	68109	48.694	ug/L	99
9) Trichlorofluoromethane	1.748	101	160874	50.525	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	101577	54.391	ug/L	99
12) 1,1-Dichloroethene	2.114	96	89032	50.644	ug/L	93
13) Acetone	2.159	43	155909	128.552	ug/L #	74
14) Carbon disulfide	2.291	76	217683	41.037	ug/L	100
15) Methyl Acetate	2.426	43	123012	52.083	ug/L	99
16) Methylene chloride	2.503	84	117208	49.762	ug/L	98
17) trans-1,2-Dichloroethene	2.757	96	102179	48.071	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	342411	50.693	ug/L	98
19) 1,1-Dichloroethane	3.188	63	197240	52.100	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	117473	49.655	ug/L	99
22) 2-Butanone	3.953	43	192784	113.084	ug/L	99
23) Bromochloromethane	4.246	128	63552	50.442	ug/L	94
25) Chloroform	4.375	83	208216	51.956	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	148417	55.248	ug/L	100
29) Cyclohexane	4.677	56	152237	45.551	ug/L	97
30) 1,1,1-Trichloroethane	4.606	97	179311	50.463	ug/L	99
31) Carbon tetrachloride	4.828	117	153656	50.332	ug/L	99
33) Benzene	5.098	78	436065	50.131	ug/L	100
34) Trichloroethene	5.915	95	116819	47.412	ug/L	98
35) Methylcyclohexane	6.130	83	165038	45.819	ug/L	98
37) 1,2-Dichloropropane	6.172	63	113642	50.400	ug/L	99
38) Bromodichloromethane	6.510	83	151779	52.637	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	175608	50.444	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	327713	107.207	ug/L	98
42) Toluene	7.387	91	474385	50.530	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	165141	50.970	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	118843	51.801	ug/L	99
46) Tetrachloroethene	7.976	164	91051	47.525	ug/L	96
48) 2-Hexanone	8.140	43	267000	112.574	ug/L	97
49) Dibromochloromethane	8.246	129	128399	52.285	ug/L	100
50) 1,2-Dibromoethane	8.352	107	124476	50.554	ug/L	99
51) Chlorobenzene	8.883	112	315882	50.045	ug/L	100
52) Ethylbenzene	9.014	91	503291	49.523	ug/L	100
53) m,p-Xylene	9.140	106	200031	50.639	ug/L	97
54) o-Xylene	9.545	106	195149	49.931	ug/L	97
55) Styrene	9.561	104	344100	51.589	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	182931	55.032	ug/L	99
59) Bromoform	9.731	173	88953	51.568	ug/L	99
60) Isopropylbenzene	9.934	105	518598	50.817	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	150900	53.609	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	434383	50.701	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	444997	51.100	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	257982	49.789	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	260172	49.070	ug/L	99
67) 1,2-Dichlorobenzene	11.645	146	264945	51.497	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	36959	54.480	ug/L	99
69) 1,3,5-Trichlorobenzene	12.648	180	187833	48.480	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	154783	45.414	ug/L	100
71) Naphthalene	13.503	128	446331	45.525	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	158354	47.635	ug/L	100

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

