

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051722\
 Data File : VU048597.D
 Acq On : 17 May 2022 11:25
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050130

Quant Time: May 18 05:14:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 17 06:52:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	187968	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	189207	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	120809	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	37425	32.507	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.020%
7) Chloroethane-d5	1.912	69	32291	37.437	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.880%
11) 1,1-Dichloroethene-d2	2.571	63	107225	41.182	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.360%
21) 2-Butanone-d5	4.620	46	106129	96.868	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.870%
24) Chloroform-d	5.067	84	142818	49.090	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.180%
26) 1,2-Dichloroethane-d4	5.703	65	99048	48.258	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.520%
32) Benzene-d6	5.729	84	220282	41.833	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.660%
36) 1,2-Dichloropropane-d6	6.693	67	67199	43.470	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.940%
41) Toluene-d8	7.899	98	215209	43.450	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.900%
43) trans-1,3-Dichloroprop...	8.179	79	42210	42.700	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.400%
47) 2-Hexanone-d5	8.632	63	78434	92.517	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.520%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	124278	48.584	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.160%
66) 1,2-Dichlorobenzene-d4	12.195	152	105039	42.531	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.060%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	84160	41.664	ug/L	98
3) Chloromethane	1.523	50	52864	42.415	ug/L	99
5) Vinyl chloride	1.604	62	60391	45.549	ug/L	99
6) Bromomethane	1.854	94	46045	48.105	ug/L	99
8) Chloroethane	1.935	64	37869	48.526	ug/L	98
9) Trichlorofluoromethane	2.141	101	138331	53.444	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	72228	54.725	ug/L	96
12) 1,1-Dichloroethene	2.581	96	63027	51.536	ug/L	98
13) Acetone	2.623	43	81639	91.719	ug/L	99
14) Carbon disulfide	2.797	76	160933	45.345	ug/L	100
15) Methyl Acetate	2.948	43	76579	50.410	ug/L	98
16) Methylene chloride	3.047	84	75375	52.940	ug/L	95
17) trans-1,2-Dichloroethene	3.356	96	69128	52.407	ug/L	97
18) Methyl tert-butyl Ether	3.362	73	253136	55.313	ug/L	99
19) 1,1-Dichloroethane	3.870	63	133365	55.226	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	79396	53.374	ug/L	97
22) 2-Butanone	4.700	43	112882	99.880	ug/L	98
23) Bromochloromethane	4.976	128	45314	54.897	ug/L	96
25) Chloroform	5.089	83	161198	57.188	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	137742	56.965	ug/L	100
29) Cyclohexane	5.391	56	94754	48.757	ug/L	98
30) 1,1,1-Trichloroethane	5.317	97	158675	55.387	ug/L	98
31) Carbon tetrachloride	5.526	117	146558	56.133	ug/L	99
33) Benzene	5.777	78	293337	53.066	ug/L	100
34) Trichloroethene	6.542	95	83410	53.333	ug/L	98
35) Methylcyclohexane	6.764	83	115988	51.682	ug/L	98
37) 1,2-Dichloropropane	6.793	63	74071	53.589	ug/L	100
38) Bromodichloromethane	7.105	83	127130	56.848	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	126728	53.701	ug/L	96
40) 4-Methyl-2-pentanone	7.790	43	216211	102.504	ug/L	98
42) Toluene	7.970	91	330841	54.911	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	139306	55.975	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	84046	56.781	ug/L	97
46) Tetrachloroethene	8.555	164	69220	54.240	ug/L	96
48) 2-Hexanone	8.684	43	176288	97.545	ug/L	99
49) Dibromochloromethane	8.812	129	109340	57.456	ug/L	96
50) 1,2-Dibromoethane	8.925	107	92797	54.322	ug/L	100
51) Chlorobenzene	9.449	112	230075	54.752	ug/L	99
52) Ethylbenzene	9.571	91	377919	54.888	ug/L	100
53) m,p-Xylene	9.697	106	151654	54.808	ug/L	98
54) o-Xylene	10.102	106	146764	55.365	ug/L	98
55) Styrene	10.115	104	258733	56.137	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.783	83	139449	54.511	ug/L	100
59) Bromoform	10.291	173	88905	53.536	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	123202	51.421	ug/L	98
61) Isopropylbenzene	10.484	105	392775	52.791	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	226055	53.443	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	357637	54.374	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	203304	52.987	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	206228	51.796	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	203321	52.100	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	46736	50.451	ug/L	99
69) 1,3,5-Trichlorobenzene	13.221	180	158390	51.793	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	136302	49.279	ug/L	99
71) Naphthalene	14.089	128	386043	42.328	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	138688	49.941	ug/L	99

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

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