

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050422\
 Data File : VU048405.D
 Acq On : 04 May 2022 09:34
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050113

Quant Time: May 05 02:12:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 04 01:37:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	409180	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	412641	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	237636	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	209813	55.761	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	111.520%
7) Chloroethane-d5	1.899	69	160466	60.755	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	121.520%
11) 1,1-Dichloroethene-d2	2.565	63	306667	50.866	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.740%
21) 2-Butanone-d5	4.623	46	287958	89.728	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.730%
24) Chloroform-d	5.063	84	343506	50.331	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.660%
26) 1,2-Dichloroethane-d4	5.703	65	200930	49.619	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.240%
32) Benzene-d6	5.729	84	716323	55.042	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.080%
36) 1,2-Dichloropropane-d6	6.693	67	229179	53.266	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.540%
41) Toluene-d8	7.899	98	660908	56.026	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.060%
43) trans-1,3-Dichloroprop...	8.179	79	101530	53.479	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.960%
47) 2-Hexanone-d5	8.636	63	223716	96.375	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.380%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	378392	50.146	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.300%
66) 1,2-Dichlorobenzene-d4	12.195	152	277654	51.940	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.880%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	145869	47.178	ug/L	100
3) Chloromethane	1.520	50	147175	41.588	ug/L	100
5) Vinyl chloride	1.607	62	164550	46.142	ug/L	96
6) Bromomethane	1.838	94	69519	42.416	ug/L	99
8) Chloroethane	1.922	64	108351	53.734	ug/L	100
9) Trichlorofluoromethane	2.131	101	231484	49.808	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	155466	50.437	ug/L	99
12) 1,1-Dichloroethene	2.578	96	131831	48.997	ug/L	94
13) Acetone	2.629	43	250394	121.535	ug/L	98
14) Carbon disulfide	2.793	76	255880	39.021	ug/L	99
15) Methyl Acetate	2.948	43	191474	46.818	ug/L	99
16) Methylene chloride	3.047	84	177478	51.164	ug/L	96
17) trans-1,2-Dichloroethene	3.353	96	136412	48.804	ug/L	97
18) Methyl tert-butyl Ether	3.366	73	498706	54.076	ug/L	99
19) 1,1-Dichloroethane	3.870	63	293405	50.198	ug/L	99
20) cis-1,2-Dichloroethene	4.668	96	176671	52.437	ug/L	95
22) 2-Butanone	4.703	43	322900	105.988	ug/L	99
23) Bromochloromethane	4.977	128	97378	51.768	ug/L	95
25) Chloroform	5.089	83	311693	52.222	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	216974	49.839	ug/L	99
29) Cyclohexane	5.388	56	192438	49.359	ug/L	98
30) 1,1,1-Trichloroethane	5.317	97	253962	54.425	ug/L	99
31) Carbon tetrachloride	5.526	117	214074	53.826	ug/L	99
33) Benzene	5.774	78	653534	53.493	ug/L	100
34) Trichloroethene	6.542	95	160428	53.573	ug/L	98
35) Methylcyclohexane	6.764	83	219770	52.273	ug/L	98
37) 1,2-Dichloropropane	6.793	63	186749	53.725	ug/L	99
38) Bromodichloromethane	7.108	83	238117	54.244	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	259348	53.060	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	546201	104.183	ug/L	99
42) Toluene	7.970	91	708032	55.200	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	257427	53.911	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	193022	52.927	ug/L	99
46) Tetrachloroethene	8.555	164	133957	52.122	ug/L	99
48) 2-Hexanone	8.687	43	470964	107.575	ug/L	99
49) Dibromochloromethane	8.812	129	208058	51.918	ug/L	99
50) 1,2-Dibromoethane	8.925	107	195668	52.908	ug/L	98
51) Chlorobenzene	9.449	112	479581	51.871	ug/L	99
52) Ethylbenzene	9.571	91	728601	54.849	ug/L	99
53) m,p-Xylene	9.697	106	294642	56.207	ug/L	100
54) o-Xylene	10.102	106	298893	56.599	ug/L	99
55) Styrene	10.115	104	511400	56.845	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	385426	53.549	ug/L	99
59) Bromoform	10.291	173	176613	51.211	ug/L	100
60) 1,2,3-Trichloropropane	10.825	75	284139	51.254	ug/L	99
61) Isopropylbenzene	10.484	105	752248	56.616	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	395627	56.493	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	623359	57.896	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	403843	54.213	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	399752	52.565	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	430640	54.878	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.999	75	77337	52.258	ug/L	92
69) 1,3,5-Trichlorobenzene	13.221	180	312123	56.388	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	251983	57.623	ug/L	100
71) Naphthalene	14.089	128	743162	59.383	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	266057	59.367	ug/L	99

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

