

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052322\
 Data File : VU048650.D
 Acq On : 23 May 2022 10:32
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050138

Quant Time: May 24 02:50:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 21 04:37:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	215535	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	210865	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	131063	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	45286	34.304	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.600%
7) Chloroethane-d5	1.913	69	39338	39.774	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.540%
11) 1,1-Dichloroethene-d2	2.572	63	130534	43.722	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.440%
21) 2-Butanone-d5	4.623	46	127501	101.491	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.490%
24) Chloroform-d	5.067	84	171876	51.522	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.040%
26) 1,2-Dichloroethane-d4	5.703	65	120060	51.014	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.020%
32) Benzene-d6	5.729	84	273946	46.681	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.360%
36) 1,2-Dichloropropane-d6	6.694	67	81636	47.385	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.760%
41) Toluene-d8	7.899	98	264860	47.982	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.960%
43) trans-1,3-Dichloroprop...	8.182	79	53008	48.116	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.240%
47) 2-Hexanone-d5	8.636	63	96392	102.022	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.020%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	141480	49.628	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.260%
66) 1,2-Dichlorobenzene-d4	12.195	152	127345	47.529	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.060%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	115333	49.793	ug/L	97
3) Chloromethane	1.523	50	59634	41.727	ug/L	99
5) Vinyl chloride	1.604	62	69500	45.715	ug/L	98
6) Bromomethane	1.855	94	54644	49.788	ug/L	99
8) Chloroethane	1.932	64	42135	47.087	ug/L	99
9) Trichlorofluoromethane	2.141	101	154780	52.151	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	82240	54.341	ug/L	96
12) 1,1-Dichloroethene	2.581	96	72018	51.356	ug/L	97
13) Acetone	2.630	43	84487	82.779	ug/L	99
14) Carbon disulfide	2.797	76	191420	47.037	ug/L	99
15) Methyl Acetate	2.951	43	78521	45.077	ug/L	98
16) Methylene chloride	3.048	84	79614	48.766	ug/L	98
17) trans-1,2-Dichloroethene	3.356	96	78026	51.588	ug/L	98
18) Methyl tert-butyl Ether	3.366	73	270067	51.465	ug/L	99
19) 1,1-Dichloroethane	3.874	63	142146	51.334	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	87860	51.510	ug/L	97
22) 2-Butanone	4.703	43	116103	89.591	ug/L	99
23) Bromochloromethane	4.977	128	49091	51.866	ug/L	93
25) Chloroform	5.092	83	170448	52.735	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	147362	53.148	ug/L	100
29) Cyclohexane	5.391	56	106945	49.378	ug/L	97
30) 1,1,1-Trichloroethane	5.318	97	172999	54.184	ug/L	98
31) Carbon tetrachloride	5.527	117	157771	54.221	ug/L	99
33) Benzene	5.777	78	313551	50.897	ug/L	100
34) Trichloroethene	6.543	95	92972	53.341	ug/L	99
35) Methylcyclohexane	6.764	83	127548	50.996	ug/L	99
37) 1,2-Dichloropropane	6.793	63	77115	50.061	ug/L	99
38) Bromodichloromethane	7.108	83	132588	53.199	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	136960	52.076	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	221914	94.402	ug/L	98
42) Toluene	7.970	91	357151	53.189	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	146870	52.953	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	85721	51.964	ug/L	97
46) Tetrachloroethene	8.555	164	79623	55.983	ug/L	97
48) 2-Hexanone	8.687	43	181455	90.091	ug/L	99
49) Dibromochloromethane	8.813	129	116268	54.822	ug/L	98
50) 1,2-Dibromoethane	8.925	107	97548	51.239	ug/L	97
51) Chlorobenzene	9.449	112	242954	51.878	ug/L	99
52) Ethylbenzene	9.571	91	396036	51.611	ug/L	100
53) m,p-Xylene	9.697	106	160333	51.993	ug/L	99
54) o-Xylene	10.102	106	155392	52.599	ug/L	99
55) Styrene	10.115	104	273613	53.268	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.784	83	137361	48.180	ug/L	96
59) Bromoform	10.292	173	95585	53.056	ug/L	98
60) 1,2,3-Trichloropropane	10.825	75	123777	47.619	ug/L	96
61) Isopropylbenzene	10.488	105	421298	52.195	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	243138	52.985	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	377869	52.955	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	212387	51.024	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	216537	50.131	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	211787	50.023	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	46905	46.672	ug/L	99
69) 1,3,5-Trichlorobenzene	13.221	180	167677	50.540	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	144443	48.137	ug/L	100
71) Naphthalene	14.089	128	421041	42.554	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	147463	48.947	ug/L	100

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

