

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051022\
 Data File : VU048505.D
 Acq On : 10 May 2022 20:41
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050121

Quant Time: May 11 05:26:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM050622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 11 05:17:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	279847	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	272198	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	155154	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	79294	32.901	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.800%
7) Chloroethane-d5	1.912	69	62810	39.932	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.860%
11) 1,1-Dichloroethene-d2	2.572	63	182887	42.638	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.280%
21) 2-Butanone-d5	4.629	46	180335	87.860	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.860%
24) Chloroform-d	5.067	84	205433	49.074	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.140%
26) 1,2-Dichloroethane-d4	5.703	65	138257	50.808	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.620%
32) Benzene-d6	5.729	84	359026	43.405	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	6.690	67	112769	41.808	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.620%
41) Toluene-d8	7.899	98	329519	45.044	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.080%
43) trans-1,3-Dichloroprop...	8.179	79	60443	48.686	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.380%
47) 2-Hexanone-d5	8.632	63	133741	102.442	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.440%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	178729	43.501	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	139743	45.485	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	125449	49.555	ug/L	99
3) Chloromethane	1.523	50	96037	33.167	ug/L	97
5) Vinyl chloride	1.604	62	104519	37.996	ug/L	98
6) Bromomethane	1.858	94	67859	49.883	ug/L	99
8) Chloroethane	1.935	64	62668	42.374	ug/L	99
9) Trichlorofluoromethane	2.141	101	193910	53.652	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	100393	48.405	ug/L	98
12) 1,1-Dichloroethene	2.581	96	93162	47.509	ug/L	94
13) Acetone	2.639	43	129690	83.810	ug/L	97
14) Carbon disulfide	2.793	76	261240	42.981	ug/L	100
15) Methyl Acetate	2.951	43	126972	40.053	ug/L	93
16) Methylene chloride	3.047	84	110977	46.279	ug/L	91
17) trans-1,2-Dichloroethene	3.356	96	100567	48.071	ug/L	99
18) Methyl tert-butyl Ether	3.366	73	359844	51.075	ug/L	97
19) 1,1-Dichloroethane	3.874	63	197198	45.713	ug/L	98
20) cis-1,2-Dichloroethene	4.668	96	115237	48.813	ug/L	94
22) 2-Butanone	4.710	43	188078	81.307	ug/L	95
23) Bromochloromethane	4.977	128	61761	49.642	ug/L	86
25) Chloroform	5.089	83	218019	51.181	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	186989	53.391	ug/L	99
29) Cyclohexane	5.391	56	156954	41.786	ug/L	89
30) 1,1,1-Trichloroethane	5.317	97	209357	55.383	ug/L	98
31) Carbon tetrachloride	5.526	117	183382	56.654	ug/L	99
33) Benzene	5.774	78	438339	46.771	ug/L	100
34) Trichloroethene	6.542	95	114734	49.803	ug/L	98
35) Methylcyclohexane	6.764	83	171977	46.788	ug/L	95
37) 1,2-Dichloropropane	6.790	63	111402	42.589	ug/L	99
38) Bromodichloromethane	7.105	83	168916	53.034	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	183162	49.229	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	357937	85.403	ug/L #	94
42) Toluene	7.970	91	474035	49.007	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	188958	52.261	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	115259	48.724	ug/L	98
46) Tetrachloroethene	8.555	164	93684	54.132	ug/L	98
48) 2-Hexanone	8.684	43	293324	84.213	ug/L #	98
49) Dibromochloromethane	8.809	129	139855	55.052	ug/L	97
50) 1,2-Dibromoethane	8.922	107	127929	51.160	ug/L	99
51) Chlorobenzene	9.446	112	310219	50.900	ug/L	99
52) Ethylbenzene	9.571	91	522148	51.820	ug/L	99
53) m,p-Xylene	9.693	106	206267	53.034	ug/L	98
54) o-Xylene	10.099	106	203814	52.087	ug/L	97
55) Styrene	10.115	104	351453	55.242	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	198156	44.694	ug/L	98
59) Bromoform	10.292	173	109404	49.719	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	171904	42.445	ug/L	96
61) Isopropylbenzene	10.484	105	534809	49.191	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	300002	50.057	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	468604	52.501	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	254109	49.557	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	254262	49.458	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	256298	48.844	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	63197	53.239	ug/L	96
69) 1,3,5-Trichlorobenzene	13.217	180	194497	53.647	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	175176	55.638	ug/L	99
71) Naphthalene	14.086	128	646404	53.313	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	184510	55.100	ug/L	100

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

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