

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041922\
 Data File : VU048136.D
 Acq On : 19 Apr 2022 17:02
 Operator : SY/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050089

Quant Time: Apr 20 02:11:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 20 02:08:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	369280	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	386648	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	216324	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	128398	47.947	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	95.900%		
7) Chloroethane-d5	1.916	69	104653	49.563	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.120%		
11) 1,1-Dichloroethene-d2	2.572	63	207787	42.410	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.820%		
21) 2-Butanone-d5	4.626	46	208143	90.556	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.560%		
24) Chloroform-d	5.067	84	238482	48.671	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.340%		
26) 1,2-Dichloroethane-d4	5.703	65	144485	48.079	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.160%		
32) Benzene-d6	5.729	84	474346	48.755	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.520%		
36) 1,2-Dichloropropane-d6	6.694	67	152271	50.962	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	101.920%		
41) Toluene-d8	7.899	98	431524	45.524	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.040%		
43) trans-1,3-Dichloroprop...	8.179	79	67789	44.783	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.560%		
47) 2-Hexanone-d5	8.632	63	153486	87.750	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.750%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	217982	42.510	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	85.020%		
66) 1,2-Dichlorobenzene-d4	12.195	152	182416	47.398	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.800%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	141511	41.334	ug/L	99
3) Chloromethane	1.523	50	141157	43.113	ug/L	98
5) Vinyl chloride	1.607	62	155147	46.462	ug/L	99
6) Bromomethane	1.858	94	69339	38.580	ug/L	99
8) Chloroethane	1.935	64	99252	47.348	ug/L	98
9) Trichlorofluoromethane	2.141	101	207862	44.144	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	126888	46.619	ug/L	97
12) 1,1-Dichloroethene	2.584	96	111836	44.150	ug/L	85
13) Acetone	2.633	43	179204	83.781	ug/L	100
14) Carbon disulfide	2.797	76	296720	37.058	ug/L	100
15) Methyl Acetate	2.951	43	165561	48.540	ug/L	98
16) Methylene chloride	3.051	84	153826	52.920	ug/L	99
17) trans-1,2-Dichloroethene	3.356	96	126239	46.204	ug/L	95
18) Methyl tert-butyl Ether	3.366	73	393620	51.065	ug/L	98
19) 1,1-Dichloroethane	3.874	63	248145	52.661	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	147743	49.324	ug/L	96
22) 2-Butanone	4.703	43	253741	92.090	ug/L	96
23) Bromochloromethane	4.977	128	82254	50.015	ug/L	98
25) Chloroform	5.092	83	262211	51.686	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	195173	49.796	ug/L	96
29) Cyclohexane	5.391	56	178633	45.530	ug/L	96
30) 1,1,1-Trichloroethane	5.321	97	214052	48.824	ug/L	99
31) Carbon tetrachloride	5.527	117	185588	46.878	ug/L	99
33) Benzene	5.777	78	571203	51.038	ug/L	100
34) Trichloroethene	6.543	95	144140	49.126	ug/L	99
35) Methylcyclohexane	6.764	83	201355	45.109	ug/L	99
37) 1,2-Dichloropropane	6.793	63	155284	54.580	ug/L	100
38) Bromodichloromethane	7.108	83	197710	50.605	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	203350	46.064	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	418990	93.179	ug/L	98
42) Toluene	7.970	91	601562	48.988	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	217214	49.281	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	157596	52.229	ug/L	98
46) Tetrachloroethene	8.555	164	123871	46.979	ug/L	97
48) 2-Hexanone	8.684	43	370561	95.804	ug/L	99
49) Dibromochloromethane	8.813	129	170061	48.661	ug/L	98
50) 1,2-Dibromoethane	8.925	107	167303	49.458	ug/L	100
51) Chlorobenzene	9.449	112	411538	49.357	ug/L	98
52) Ethylbenzene	9.571	91	630545	48.835	ug/L	100
53) m,p-Xylene	9.694	106	254345	50.203	ug/L	100
54) o-Xylene	10.102	106	244986	49.268	ug/L	100
55) Styrene	10.115	104	423846	49.925	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.784	83	257321	45.489	ug/L	99
59) Bromoform	10.292	173	138335	50.009	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	198693	48.722	ug/L	99
61) Isopropylbenzene	10.485	105	612027	52.349	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	295133	46.526	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	472375	49.025	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	325161	50.038	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	328086	48.744	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	328144	50.468	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	64307	49.228	ug/L	95
69) 1,3,5-Trichlorobenzene	13.221	180	265049	50.222	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	227707	49.260	ug/L	99
71) Naphthalene	14.086	128	673053	48.836	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	239190	51.616	ug/L	99

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

