

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U040922\
 Data File : U047871.D
 Acq On : 08 Apr 2022 16:34
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050189

Quant Time: Apr 09 01:56:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 06 03:35:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	337763	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	348453	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	213165	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	112750	46.033	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	92.060%		
7) Chloroethane-d5	1.916	69	93538	48.433	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.860%		
11) 1,1-Dichloroethene-d2	2.571	63	197454	44.062	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.120%		
21) 2-Butanone-d5	4.620	46	163126	77.593	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	77.590%		
24) Chloroform-d	5.067	84	208717	46.572	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.140%		
26) 1,2-Dichloroethane-d4	5.703	65	126485	46.017	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.040%		
32) Benzene-d6	5.729	84	407797	46.509	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.020%		
36) 1,2-Dichloropropane-d6	6.694	67	128571	47.747	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.500%		
41) Toluene-d8	7.899	98	387079	45.311	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.620%		
43) trans-1,3-Dichloroprop...	8.182	79	60495	44.345	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.680%		
47) 2-Hexanone-d5	8.632	63	125200	79.425	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	79.420%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	205162	44.396	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.800%		
66) 1,2-Dichlorobenzene-d4	12.195	152	165947	43.758	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.520%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	155019	49.505	ug/L	100
3) Chloromethane	1.523	50	152472	50.914	ug/L	100
5) Vinyl chloride	1.607	62	156851	51.356	ug/L	98
6) Bromomethane	1.858	94	88230	53.672	ug/L	97
8) Chloroethane	1.935	64	96707	50.439	ug/L	97
9) Trichlorofluoromethane	2.141	101	211265	49.053	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	127773	51.324	ug/L	98
12) 1,1-Dichloroethene	2.584	96	114834	49.564	ug/L	84
13) Acetone	2.623	43	200757	102.615	ug/L	97
14) Carbon disulfide	2.797	76	331609	45.280	ug/L	100
15) Methyl Acetate	2.948	43	143779	46.088	ug/L	98
16) Methylene chloride	3.051	84	139474	52.460	ug/L	98
17) trans-1,2-Dichloroethene	3.356	96	122795	49.137	ug/L	95
18) Methyl tert-butyl Ether	3.366	73	363253	51.523	ug/L	100
19) 1,1-Dichloroethane	3.874	63	224373	52.059	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	138553	50.572	ug/L	96
22) 2-Butanone	4.700	43	229724	91.154	ug/L	96
23) Bromochloromethane	4.977	128	77298	51.388	ug/L	98
25) Chloroform	5.089	83	243887	52.560	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	186726	52.086	ug/L	99
29) Cyclohexane	5.391	56	179593	50.792	ug/L	98
30) 1,1,1-Trichloroethane	5.321	97	205404	51.987	ug/L	99
31) Carbon tetrachloride	5.530	117	175714	49.249	ug/L	100
33) Benzene	5.777	78	531575	52.704	ug/L	100
34) Trichloroethene	6.546	95	135505	51.245	ug/L	99
35) Methylcyclohexane	6.767	83	205118	50.989	ug/L	99
37) 1,2-Dichloropropane	6.793	63	138698	54.094	ug/L	100
38) Bromodichloromethane	7.108	83	183371	52.079	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	198520	49.899	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	390946	96.472	ug/L	98
42) Toluene	7.973	91	584174	52.786	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	200294	50.423	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	143664	52.831	ug/L	99
46) Tetrachloroethene	8.555	164	123023	51.772	ug/L	99
48) 2-Hexanone	8.684	43	332648	95.429	ug/L	98
49) Dibromochloromethane	8.812	129	158585	50.351	ug/L	98
50) 1,2-Dibromoethane	8.925	107	158216	51.898	ug/L	98
51) Chlorobenzene	9.449	112	387592	51.581	ug/L	99
52) Ethylbenzene	9.571	91	608137	52.262	ug/L	100
53) m,p-Xylene	9.697	106	242030	53.008	ug/L	99
54) o-Xylene	10.102	106	235711	52.599	ug/L	99
55) Styrene	10.115	104	413124	53.997	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	259657	50.933	ug/L	100
59) Bromoform	10.291	173	131634	48.292	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	199000	49.521	ug/L	99
61) Isopropylbenzene	10.484	105	604351	52.459	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	320824	51.326	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	504184	53.102	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	324943	50.746	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	333599	50.297	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	325289	50.770	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	57273	44.493	ug/L	96
69) 1,3,5-Trichlorobenzene	13.221	180	267685	51.473	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	240714	52.845	ug/L	99
71) Naphthalene	14.089	128	748076	55.085	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	247715	54.248	ug/L	100

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

