

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032522\
 Data File : VU047675.D
 Acq On : 25 Mar 2022 16:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050177

Quant Time: Mar 26 02:09:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 26 02:04:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	344009	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	353645	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	215404	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	112538	45.112	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.220%
7) Chloroethane-d5	1.916	69	96929	49.277	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.560%
11) 1,1-Dichloroethene-d2	2.572	63	214419	46.979	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.960%
21) 2-Butanone-d5	4.636	46	239702	111.948	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.950%
24) Chloroform-d	5.067	84	228315	50.020	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.040%
26) 1,2-Dichloroethane-d4	5.703	65	140845	50.311	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.620%
32) Benzene-d6	5.729	84	445247	50.035	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.080%
36) 1,2-Dichloropropane-d6	6.694	67	139103	50.900	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.800%
41) Toluene-d8	7.899	98	431540	49.774	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.540%
43) trans-1,3-Dichloroprop...	8.182	79	69840	50.443	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.880%
47) 2-Hexanone-d5	8.636	63	183556	114.735	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.740%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	242411	51.686	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.380%
66) 1,2-Dichlorobenzene-d4	12.192	152	192342	50.190	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	164730	51.651	ug/L	100
3) Chloromethane	1.523	50	156542	51.324	ug/L	100
5) Vinyl chloride	1.607	62	156600	50.343	ug/L	98
6) Bromomethane	1.861	94	90176	53.860	ug/L	98
8) Chloroethane	1.938	64	101029	51.737	ug/L	96
9) Trichlorofluoromethane	2.141	101	219380	50.012	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.585	101	132125	52.109	ug/L	97
12) 1,1-Dichloroethene	2.585	96	122085	51.736	ug/L	87
13) Acetone	2.652	43	201852	101.302	ug/L	99
14) Carbon disulfide	2.800	76	369057	49.478	ug/L	100
15) Methyl Acetate	2.957	43	168616	53.068	ug/L	99
16) Methylene chloride	3.051	84	140622	51.931	ug/L	98
17) trans-1,2-Dichloroethene	3.356	96	130422	51.242	ug/L	97
18) Methyl tert-butyl Ether	3.369	73	389353	54.223	ug/L	99
19) 1,1-Dichloroethane	3.874	63	235237	53.589	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	148282	53.141	ug/L	97
22) 2-Butanone	4.716	43	272976	106.349	ug/L	98
23) Bromochloromethane	4.980	128	82818	54.058	ug/L	98
25) Chloroform	5.092	83	251289	53.172	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	196243	53.747	ug/L	98
29) Cyclohexane	5.391	56	196196	54.673	ug/L	98
30) 1,1,1-Trichloroethane	5.321	97	217840	54.325	ug/L	99
31) Carbon tetrachloride	5.527	117	192229	53.087	ug/L	100
33) Benzene	5.777	78	558584	54.569	ug/L	100
34) Trichloroethene	6.546	95	145290	54.139	ug/L	99
35) Methylcyclohexane	6.764	83	218420	53.499	ug/L	98
37) 1,2-Dichloropropane	6.793	63	145760	56.013	ug/L	99
38) Bromodichloromethane	7.108	83	192656	53.913	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	223898	55.452	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	460633	112.000	ug/L	99
42) Toluene	7.970	91	627895	55.904	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	223010	55.318	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	146490	53.079	ug/L	98
46) Tetrachloroethene	8.555	164	127852	53.014	ug/L	99
48) 2-Hexanone	8.687	43	399659	112.969	ug/L	98
49) Dibromochloromethane	8.813	129	171644	53.697	ug/L	99
50) 1,2-Dibromoethane	8.925	107	167001	53.976	ug/L	100
51) Chlorobenzene	9.449	112	407281	53.405	ug/L	99
52) Ethylbenzene	9.571	91	653894	55.369	ug/L	99
53) m,p-Xylene	9.694	106	257177	55.499	ug/L	97
54) o-Xylene	10.102	106	253346	55.704	ug/L	100
55) Styrene	10.115	104	444269	57.215	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.784	83	275894	53.324	ug/L	98
59) Bromoform	10.292	173	145172	52.705	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	217297	53.512	ug/L	99
61) Isopropylbenzene	10.485	105	639305	54.916	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	348599	55.190	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	541850	56.475	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	341968	52.850	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	343000	51.177	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	341969	52.818	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	68847	52.929	ug/L	99
69) 1,3,5-Trichlorobenzene	13.221	180	270088	51.396	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	243937	52.996	ug/L	99
71) Naphthalene	14.086	128	772787	56.313	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	249715	54.117	ug/L	98

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

