

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
 Data File : VU047636.D
 Acq On : 24 Mar 2022 14:49
 Operator : SY/MD
 Sample : VSTD20053
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200053

Quant Time: Mar 24 23:09:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 24 23:06:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	378242	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	407357	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	263201	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	512121	167.027	ug/L	0.00
7) Chloroethane-d5	1.919	69	417152	175.954	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.572	63	1020325	187.981	ug/L	0.00
21) 2-Butanone-d5	4.642	46	988114	399.002	ug/L	0.00
24) Chloroform-d	5.067	84	974535	188.516	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	586304	171.113	ug/L	0.00
32) Benzene-d6	5.732	84	1940126	169.161	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	609493	172.083	ug/L	0.00
41) Toluene-d8	7.899	98	1952077	184.907	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	333357	193.706	ug/L	0.00
47) 2-Hexanone-d5	8.642	63	823847	472.817	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	1122420	204.371	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	915085	182.718	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	764309	197.719	ug/L	100
3) Chloromethane	1.523	50	703339	199.846	ug/L	100
5) Vinyl chloride	1.607	62	732663	206.519	ug/L	99
6) Bromomethane	1.864	94	439437	221.664	ug/L	99
8) Chloroethane	1.938	64	486589	234.770	ug/L	99
9) Trichlorofluoromethane	2.141	101	1112985	237.481	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	607554	228.506	ug/L	98
12) 1,1-Dichloroethene	2.581	96	581455	231.154	ug/L	92
13) Acetone	2.662	43	849027	302.170	ug/L	98
14) Carbon disulfide	2.797	76	1800350	230.692	ug/L	100
15) Methyl Acetate	2.961	43	811123	232.598	ug/L	99
16) Methylene chloride	3.051	84	651223	217.032	ug/L	98
17) trans-1,2-Dichloroethene	3.356	96	618311	232.673	ug/L	95
18) Methyl tert-butyl Ether	3.369	73	1886658	233.727	ug/L	100
19) 1,1-Dichloroethane	3.874	63	1073294	222.437	ug/L	100
20) cis-1,2-Dichloroethene	4.668	96	694342	240.664	ug/L	95
22) 2-Butanone	4.723	43	1268108	405.020	ug/L	98
23) Bromochloromethane	4.980	128	374181	250.387	ug/L	99
25) Chloroform	5.092	83	1143004	214.056	ug/L	100
27) 1,2-Dichloroethane	5.797	62	888066	223.968	ug/L	99
29) Cyclohexane	5.391	56	980151	221.194	ug/L	98
30) 1,1,1-Trichloroethane	5.321	97	1001314	209.721	ug/L	100
31) Carbon tetrachloride	5.527	117	905765	221.536	ug/L	99
33) Benzene	5.777	78	2577513	217.745	ug/L	100
34) Trichloroethene	6.543	95	680736	219.226	ug/L	99
35) Methylcyclohexane	6.764	83	1108192	234.218	ug/L	99
37) 1,2-Dichloropropane	6.793	63	664175	215.288	ug/L	99
38) Bromodichloromethane	7.108	83	907672	219.864	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	1125836	240.861	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	2358893	519.636	ug/L	99
42) Toluene	7.970	91	2938005	230.735	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	1125412	245.681	ug/L	99

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45) 1,1,2-Trichloroethane	8.404	97	707106	225.613	ug/L	99
46) Tetrachloroethene	8.555	164	602208	254.631	ug/L	98
48) 2-Hexanone	8.694	43	1979006	492.608	ug/L	99
49) Dibromochloromethane	8.813	129	859275	258.676	ug/L	99
50) 1,2-Dibromoethane	8.925	107	815532	240.385	ug/L	99
51) Chlorobenzene	9.449	112	1990582	240.575	ug/L	99
52) Ethylbenzene	9.571	91	3295440	244.743	ug/L	99
53) m,p-Xylene	9.694	106	1300383	246.424	ug/L	98
54) o-Xylene	10.102	106	1305383	253.673	ug/L	99
55) Styrene	10.115	104	2309517	264.014	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.784	83	1423880	260.713	ug/L	100
59) Bromoform	10.295	173	787129	259.356	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	1108482	202.503	ug/L	99
61) Isopropylbenzene	10.485	105	3419731	215.132	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	1975282	158.584	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	3053720	232.083	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	1801701	231.757	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	1814673	225.602	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	1775147	226.061	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	369648	246.449	ug/L	98
69) 1,3,5-Trichlorobenzene	13.221	180	1454894	253.216	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	1327082	260.518	ug/L	99
71) Naphthalene	14.086	128	4250045	249.477	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	1304084	252.761	ug/L	99

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

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