

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102821\
 Data File : VU045434.D
 Acq On : 28 Oct 2021 12:29
 Operator : SY/MD
 Sample : VSTD20029
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200029

Quant Time: Oct 29 02:52:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 29 02:49:32 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	323144	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	308790	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	162064	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	524455	314.897	ug/L	0.00
7) Chloroethane-d5	1.912	69	405851	272.950	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.568	63	950297	295.710	ug/L	0.00
21) 2-Butanone-d5	4.632	46	922809	434.908	ug/L	0.00
24) Chloroform-d	5.066	84	950674	239.969	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	615726	229.407	ug/L	0.00
32) Benzene-d6	5.732	84	1882243	285.994	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.697	67	617222	252.965	ug/L	0.00
41) Toluene-d8	7.902	98	1681404	296.544	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	313906	257.926	ug/L	0.00
47) 2-Hexanone-d5	8.639	63	734715	499.937	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	952091	215.941	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.198	152	652006	222.482	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	576411	231.995	ug/L	100
3) Chloromethane	1.520	50	663302	234.266	ug/L	100
5) Vinyl chloride	1.604	62	657577	216.204	ug/L	99
6) Bromomethane	1.861	94	344588	215.003	ug/L	99
8) Chloroethane	1.935	64	358216	192.955	ug/L	99
9) Trichlorofluoromethane	2.137	101	776025	210.736	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	476986	206.471	ug/L	99
12) 1,1-Dichloroethene	2.581	96	457730	213.351	ug/L	95
13) Acetone	2.645	43	696024	300.078	ug/L	99
14) Carbon disulfide	2.796	76	1308690	220.201	ug/L	100
15) Methyl Acetate	2.954	43	627736	204.726	ug/L	100
16) Methylene chloride	3.047	84	543030	197.953	ug/L	98
17) trans-1,2-Dichloroethene	3.356	96	479980	208.387	ug/L	99
18) Methyl tert-butyl Ether	3.366	73	1714539	214.108	ug/L	100
19) 1,1-Dichloroethane	3.874	63	954017	203.545	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	555789	211.340	ug/L	100
22) 2-Butanone	4.713	43	1018538	384.340	ug/L	99
23) Bromochloromethane	4.980	128	259132	201.423	ug/L	100
25) Chloroform	5.092	83	947288	199.883	ug/L	99
27) 1,2-Dichloroethane	5.800	62	766411	200.965	ug/L	99
29) Cyclohexane	5.391	56	902096	234.462	ug/L	99
30) 1,1,1-Trichloroethane	5.321	97	799424	213.443	ug/L	99
31) Carbon tetrachloride	5.529	117	637651	220.200	ug/L	99
33) Benzene	5.780	78	2130540	214.620	ug/L	100
34) Trichloroethene	6.546	95	525512	215.935	ug/L	99
35) Methylcyclohexane	6.767	83	930047	237.859	ug/L	99
37) 1,2-Dichloropropane	6.796	63	562931	209.717	ug/L	100
38) Bromodichloromethane	7.108	83	739339	213.536	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	929146	230.121	ug/L	98
40) 4-Methyl-2-pentanone	7.796	43	1774158	435.563	ug/L	100
42) Toluene	7.973	91	2258708	218.003	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	887669	230.737	ug/L	99

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45) 1,1,2-Trichloroethane	8.404	97	525223	205.204	ug/L	99
46) Tetrachloroethene	8.558	164	376041	221.497	ug/L	98
48) 2-Hexanone	8.690	43	1475255	431.438	ug/L	99
49) Dibromochloromethane	8.816	129	541778	217.135	ug/L	99
50) 1,2-Dibromoethane	8.928	107	571860	215.647	ug/L	98
51) Chlorobenzene	9.452	112	1375347	211.259	ug/L	99
52) Ethylbenzene	9.574	91	2476363	221.607	ug/L	99
53) m,p-Xylene	9.697	106	952096	223.376	ug/L	97
54) o-xylene	10.105	106	931542	218.681	ug/L	98
55) Styrene	10.118	104	1628001	226.103	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	976370	214.055	ug/L	98
59) Bromoform	10.295	173	401292	220.321	ug/L	99
60) 1,2,3-Trichloropropane	10.828	75	773313	202.433	ug/L	99
61) Isopropylbenzene	10.488	105	2425929	213.583	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	2131699	225.910	ug/L	100
63) 1,2,4-Trimethylbenzene	11.471	105	2172078	226.819	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	1083937	211.303	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	1091357	209.937	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	1099137	210.433	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.999	75	250675	233.947	ug/L	100
69) 1,3,5-Trichlorobenzene	13.224	180	827299	231.751	ug/L	100
70) 1,2,4-trichlorobenzene	13.844	180	769062	253.381	ug/L	100
71) Naphthalene	14.089	128	2921631	279.210	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	758962	249.076	ug/L	100

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

