

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092922\
 Data File : VU050982.D
 Acq On : 29 Sep 2022 16:04
 Operator : JC/MD
 Sample : VSTD10040
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100040

Quant Time: Sep 30 01:22:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 30 01:20:42 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	385337	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	408954	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	234858	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	369346	93.726	ug/L	0.00
7) Chloroethane-d5	1.906	69	440286	152.524	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	63	543287	89.369	ug/L	0.00
21) 2-Butanone-d5	4.623	46	514459	202.676	ug/L	0.00
24) Chloroform-d	5.060	84	599905	96.876	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	365140	95.629	ug/L	0.00
32) Benzene-d6	5.726	84	1214398	92.812	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	386706	87.930	ug/L	0.00
41) Toluene-d8	7.896	98	1149788	99.724	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.176	79	187107	96.546	ug/L	0.00
47) 2-Hexanone-d5	8.632	63	341572	190.470	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.754	84	677992	98.526	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	463860	93.660	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	289762	75.998	ug/L	100
3) Chloromethane	1.520	50	341074	76.743	ug/L	98
5) Vinyl chloride	1.604	62	367047	83.231	ug/L	99
6) Bromomethane	1.854	94	330158	135.072	ug/L	97
8) Chloroethane	1.925	64	345750	138.189	ug/L	99
9) Trichlorofluoromethane	2.131	101	493151	99.365	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	262998	85.026	ug/L	99
12) 1,1-Dichloroethene	2.575	96	251399	86.823	ug/L	96
13) Acetone	2.633	43	326727	154.605	ug/L	99
14) Carbon disulfide	2.790	76	738037	81.451	ug/L	99
15) Methyl Acetate	2.948	43	339970	85.155	ug/L	99
16) Methylene chloride	3.041	84	313642	77.517	ug/L	98
17) trans-1,2-Dichloroethene	3.350	96	266709	89.613	ug/L	99
18) Methyl tert-butyl Ether	3.362	73	869371	95.469	ug/L	100
19) 1,1-Dichloroethane	3.867	63	507863	84.918	ug/L	99
20) cis-1,2-Dichloroethene	4.661	96	315541	95.328	ug/L	98
22) 2-Butanone	4.703	43	534864	191.236	ug/L	100
23) Bromochloromethane	4.970	128	164522	93.624	ug/L	96
25) Chloroform	5.086	83	555104	91.706	ug/L	100
27) 1,2-Dichloroethane	5.790	62	419477	91.359	ug/L	98
29) Cyclohexane	5.385	56	419746	79.844	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	452559	85.706	ug/L	99
31) Carbon tetrachloride	5.523	117	371733	84.913	ug/L	99
33) Benzene	5.771	78	1237180	85.627	ug/L	100
34) Trichloroethene	6.539	95	311303	91.023	ug/L	99
35) Methylcyclohexane	6.761	83	470444	88.046	ug/L	98
37) 1,2-Dichloropropane	6.790	63	323906	81.987	ug/L	99
38) Bromodichloromethane	7.105	83	422762	88.226	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	492674	92.778	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	1008541	185.609	ug/L	100
42) Toluene	7.967	91	1358180	93.986	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	483287	95.056	ug/L	99

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45) 1,1,2-Trichloroethane	8.398	97	333975	89.646	ug/L	99
46) Tetrachloroethene	8.552	164	228121	92.330	ug/L	97
48) 2-Hexanone	8.684	43	866459	187.546	ug/L	99
49) Dibromochloromethane	8.809	129	357013	96.647	ug/L	98
50) 1,2-Dibromoethane	8.922	107	374350	96.545	ug/L	99
51) Chlorobenzene	9.446	112	855471	95.070	ug/L	98
52) Ethylbenzene	9.568	91	1463294	99.453	ug/L	99
53) m,p-Xylene	9.690	106	569418	104.841	ug/L	99
54) o-Xylene	10.098	106	595343	109.645	ug/L	98
55) Styrene	10.111	104	1080411	115.824	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	628233	91.012	ug/L	98
59) Bromoform	10.288	173	308707	92.210	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	500985	77.523	ug/L	99
61) Isopropylbenzene	10.481	105	1594343	97.698	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	1308558	96.590	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	1317557	99.318	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	731378	97.017	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	728379	94.141	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	716172	87.712	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	153962	85.375	ug/L	95
69) 1,3,5-Trichlorobenzene	13.217	180	521822	97.334	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	419522	96.092	ug/L	99
71) Naphthalene	14.082	128	1652739	100.025	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	470687	96.174	ug/L	99

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

