

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051421\
 Data File : VU043716.D
 Acq On : 13 May 2021 21:45
 Operator : SY/MD
 Sample : VSTD10033
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100303

Quant Time: May 14 04:06:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051421WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 14 04:05:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	503506	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	486000	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	272834	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	404796	102.13	ug/L	0.00
7) Chloroethane-d5	1.903	69	290809	100.78	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.571	63	693843	89.32	ug/L	0.00
21) 2-Butanone-d5	4.626	46	661105	164.99	ug/L	0.00
24) Chloroform-d	5.070	84	687263	90.69	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.710	65	419278	76.75	ug/L	0.00
32) Benzene-d6	5.735	84	1429491	102.69	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.697	67	463159	99.61	ug/L	0.00
41) Toluene-d8	7.906	98	1316806	97.06	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.185	79	210010	89.52	ug/L	0.00
47) 2-Hexanone-d5	8.639	63	487443	183.26	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.764	84	716295	97.33	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.201	152	530395	91.91	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	396050	99.64	ug/L	99
3) Chloromethane	1.523	50	468387	110.39	ug/L	100
5) Vinyl chloride	1.607	62	471188	113.78	ug/L	99
6) Bromomethane	1.838	94	257231	105.79	ug/L	98
8) Chloroethane	1.925	64	264666	104.21	ug/L	99
9) Trichlorofluoromethane	2.137	101	531978	83.04	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	345345	95.73	ug/L	99
12) 1,1-Dichloroethene	2.584	96	343374	104.56	ug/L	96
13) Acetone	2.629	43	425756	134.13	ug/L	98
14) Carbon disulfide	2.797	76	1088654	105.77	ug/L	100
15) Methyl Acetate	2.951	43	490005	84.86	ug/L	100
16) Methylene chloride	3.051	84	421979	108.17	ug/L	100
17) trans-1,2-Dichloroethene	3.359	96	360458	103.26	ug/L	99
18) Methyl tert-butyl Ether	3.369	73	1128495	95.20	ug/L	100
19) 1,1-Dichloroethane	3.877	63	692159	96.98	ug/L	99
20) cis-1,2-Dichloroethene	4.674	96	406749	104.80	ug/L	97
22) 2-Butanone	4.706	43	729878	155.03	ug/L	99
23) Bromochloromethane	4.983	128	213264	103.51	ug/L	96
25) Chloroform	5.095	83	679596	92.61	ug/L	100
27) 1,2-Dichloroethane	5.800	62	519039	79.95	ug/L	99
29) Cyclohexane	5.394	56	663862	104.39	ug/L	99
30) 1,1,1-Trichloroethane	5.324	97	563524	87.91	ug/L	100
31) Carbon tetrachloride	5.533	117	470177	84.36	ug/L	100
33) Benzene	5.780	78	1576486	103.17	ug/L	100
34) Trichloroethene	6.549	95	385343	99.17	ug/L	98
35) Methylcyclohexane	6.771	83	643197	105.91	ug/L	99
37) 1,2-Dichloropropane	6.800	63	424735	101.07	ug/L	100
38) Bromodichloromethane	7.111	83	507208	92.02	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	620243	100.10	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	1375457	165.14	ug/L	100
42) Toluene	7.976	91	1691197	101.84	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	588157	93.99	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.407	97	394198	100.71	ug/L	99
46) Tetrachloroethene	8.558	164	307039	96.72	ug/L	99
48) 2-Hexanone	8.690	43	1128387	162.19	ug/L	99
49) Dibromochloromethane	8.816	129	413859	92.61	ug/L	99
50) 1,2-Dibromoethane	8.931	107	420156	96.47	ug/L	98
51) Chlorobenzene	9.452	112	1024326	99.52	ug/L	99
52) Ethylbenzene	9.578	91	1806500	99.58	ug/L	99
53) m,p-Xylene	9.700	106	687693	101.98	ug/L	99
54) o-xylene	10.105	106	679857	102.09	ug/L	98
55) Styrene	10.121	104	1177291	103.43	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.790	83	732058	97.86	ug/L	99
59) Bromoform	10.298	173	339532	89.86	ug/L #	99
60) 1,2,3-Trichloropropane	10.828	75	589799	91.39	ug/L	99
61) Isopropylbenzene	10.491	105	1766102	95.45	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	1543953	97.70	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	1574224	96.36	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	845128	93.83	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	848447	92.71	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	868718	93.69	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	170066	79.34	ug/L	93
69) 1,3,5-Trichlorobenzene	13.227	180	644832	90.87	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	568549	93.58	ug/L	99
71) Naphthalene	14.092	128	2021034	105.34	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	592648	95.11	ug/L	99

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

