

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051421\
 Data File : VU043713.D
 Acq On : 13 May 2021 20:36
 Operator : SY/MD
 Sample : VSTD00536
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005306

Quant Time: May 14 04:05:57 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	464192	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	445921	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	213804	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	20010	5.48	ug/L	0.00
7) Chloroethane-d5	1.916	69	14453	5.43	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	63	34096	4.76	ug/L	0.00
21) 2-Butanone-d5	4.629	46	28251	7.65	ug/L	0.00
24) Chloroform-d	5.073	84	34280	4.91	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.710	65	22252	4.42	ug/L	0.00
32) Benzene-d6	5.735	84	67606	5.29	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.697	67	21768	5.10	ug/L	0.00
41) Toluene-d8	7.906	98	58612	4.71	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.186	79	9182	4.27	ug/L	0.00
47) 2-Hexanone-d5	8.639	63	17178	7.04	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.764	84	31766	4.70	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.198	152	21987	4.86	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	21588	5.89	ug/L	98
3) Chloromethane	1.523	50	27231	6.96	ug/L	98
5) Vinyl chloride	1.607	62	25574	6.70	ug/L	100
6) Bromomethane	1.855	94	14440	6.44	ug/L	100
8) Chloroethane	1.935	64	14155	6.05	ug/L	97
9) Trichlorofluoromethane	2.144	101	28620	4.85	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	19088	5.74	ug/L	99
12) 1,1-Dichloroethene	2.584	96	18338	6.06	ug/L	95
13) Acetone	2.629	43	23081	7.89	ug/L	99
14) Carbon disulfide	2.800	76	57727	6.08	ug/L	99
15) Methyl Acetate	2.954	43	25538	4.80	ug/L	97
16) Methylene chloride	3.051	84	37255	10.36	ug/L	97
17) trans-1,2-Dichloroethene	3.359	96	18629	5.79	ug/L	99
18) Methyl tert-butyl Ether	3.369	73	53829	4.93	ug/L	99
19) 1,1-Dichloroethane	3.880	63	36792	5.59	ug/L	98
20) cis-1,2-Dichloroethene	4.674	96	19885	5.56	ug/L	100
22) 2-Butanone	4.710	43	35181	8.11	ug/L	99
23) Bromochloromethane	4.983	128	11709	6.16	ug/L	95
25) Chloroform	5.099	83	36590	5.41	ug/L	97
27) 1,2-Dichloroethane	5.803	62	28328	4.73	ug/L	98
29) Cyclohexane	5.395	56	29144	4.99	ug/L	99
30) 1,1,1-Trichloroethane	5.324	97	29440	5.01	ug/L	99
31) Carbon tetrachloride	5.533	117	23301	4.56	ug/L	98
33) Benzene	5.784	78	81303	5.80	ug/L	100
34) Trichloroethene	6.549	95	19842	5.57	ug/L	98
35) Methylcyclohexane	6.771	83	28896	5.19	ug/L	100
37) 1,2-Dichloropropane	6.800	63	22815	5.92	ug/L	100
38) Bromodichloromethane	7.112	83	26617	5.26	ug/L	98
39) cis-1,3-Dichloropropene	7.613	75	27650	4.86	ug/L	97
40) 4-Methyl-2-pentanone	7.796	43	59544	7.79	ug/L	97
42) Toluene	7.977	91	80956	5.31	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	25558	4.45	ug/L	98

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45) 1,1,2-Trichloroethane	8.407	97	20671	5.76	ug/L	99
46) Tetrachloroethene	8.559	164	14860	5.10	ug/L	94
48) 2-Hexanone	8.690	43	45303	7.10	ug/L	98
49) Dibromochloromethane	8.816	129	20552	5.01	ug/L	97
50) 1,2-Dibromoethane	8.928	107	20662	5.17	ug/L	98
51) Chlorobenzene	9.452	112	52455	5.55	ug/L	98
52) Ethylbenzene	9.578	91	78920	4.74	ug/L	98
53) m,p-Xylene	9.700	106	29443	4.76	ug/L	99
54) o-xylene	10.105	106	29122	4.77	ug/L	98
55) Styrene	10.121	104	45876	4.39	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.790	83	36240	5.28	ug/L #	97
59) Bromoform	10.298	173	15338	5.18	ug/L #	96
60) 1,2,3-Trichloropropane	10.829	75	28796	5.69	ug/L	98
61) Isopropylbenzene	10.491	105	73064	5.04	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	56204	4.54	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	53385	4.17	ug/L	98
64) 1,3-Dichlorobenzene	11.751	146	36074	5.11	ug/L	96
65) 1,4-Dichlorobenzene	11.845	146	37876	5.28	ug/L	97
67) 1,2-Dichlorobenzene	12.218	146	38826	5.34	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	7080	4.22	ug/L	86
69) 1,3,5-Trichlorobenzene	13.227	180	25552	4.59	ug/L	98
70) 1,2,4-trichlorobenzene	13.848	180	20554	4.32	ug/L	99
71) Naphthalene	14.095	128	61147	4.07	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	21769	4.46	ug/L	100

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

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