

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040821\
 Data File : VU042983.D
 Acq On : 08 Apr 2021 10:53
 Operator : SY/MD
 Sample : VSTD00535
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005304

Quant Time: Apr 09 01:32:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM040821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 09 01:31:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	167098	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	159535	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	82751	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	6913	6.79	ug/L	0.00
7) Chloroethane-d5	1.912	69	5078	5.99	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	63	13861	6.02	ug/L	0.00
21) 2-Butanone-d5	4.639	46	13792	10.25	ug/L	0.01
24) Chloroform-d	5.076	84	13485	5.67	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.710	65	10618	5.92	ug/L	0.00
32) Benzene-d6	5.735	84	23500	5.72	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.700	67	8210	5.83	ug/L	0.00
41) Toluene-d8	7.906	98	24016	5.87	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.192	79	3818	5.17	ug/L	0.00
47) 2-Hexanone-d5	8.642	63	8607	9.89	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.764	84	12335	5.20	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.201	152	9558	5.69	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	7318	5.54	ug/L	92
3) Chloromethane	1.523	50	7752	5.77	ug/L	98
5) Vinyl chloride	1.607	62	7449	5.90	ug/L #	1
6) Bromomethane	1.855	94	4513	5.79	ug/L	85
8) Chloroethane	1.935	64	4905	5.95	ug/L #	76
9) Trichlorofluoromethane	2.141	101	11930	5.70	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	6622	5.95	ug/L	99
12) 1,1-Dichloroethene	2.588	96	5732	5.67	ug/L	100
13) Acetone	2.633	43	12400	10.98	ug/L	96
14) Carbon disulfide	2.800	76	18363	5.70	ug/L	95
15) Methyl Acetate	2.957	43	10973	5.79	ug/L	99
16) Methylene chloride	3.051	84	6816	5.67	ug/L	93
17) trans-1,2-Dichloroethene	3.359	96	6096	5.52	ug/L	97
18) Methyl tert-butyl Ether	3.375	73	21654	5.67	ug/L	98
19) 1,1-Dichloroethane	3.880	63	12989	5.79	ug/L	97
20) cis-1,2-Dichloroethene	4.678	96	6643	5.42	ug/L	96
22) 2-Butanone	4.719	43	17470	11.08	ug/L	97
23) Bromochloromethane	4.989	128	3764	5.73	ug/L	93
25) Chloroform	5.099	83	13311	5.70	ug/L	98
27) 1,2-Dichloroethane	5.806	62	12699	5.98	ug/L	97
29) Cyclohexane	5.401	56	10983	5.48	ug/L #	94
30) 1,1,1-Trichloroethane	5.324	97	12141	5.92	ug/L	97
31) Carbon tetrachloride	5.536	117	10509	6.01	ug/L	99
33) Benzene	5.784	78	27076	5.93	ug/L	100
34) Trichloroethene	6.552	95	6806	5.51	ug/L	93
35) Methylcyclohexane	6.771	83	10619	5.65	ug/L	98
37) 1,2-Dichloropropane	6.803	63	7686	5.98	ug/L	99
38) Bromodichloromethane	7.115	83	9915	5.75	ug/L	95
39) cis-1,3-Dichloropropene	7.620	75	10494	5.33	ug/L	96
40) 4-Methyl-2-pentanone	7.803	43	30073	10.89	ug/L	100
42) Toluene	7.976	91	28701	5.61	ug/L	99
44) trans-1,3-Dichloropropene	8.221	75	10628	5.32	ug/L	96

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45) 1,1,2-Trichloroethane	8.411	97	6913	5.80	ug/L	91
46) Tetrachloroethene	8.562	164	5591	5.60	ug/L	93
48) 2-Hexanone	8.693	43	24500	10.50	ug/L	98
49) Dibromochloromethane	8.819	129	7929	5.56	ug/L	90
50) 1,2-Dibromoethane	8.931	107	7775	5.72	ug/L	98
51) Chlorobenzene	9.456	112	17957	5.56	ug/L	94
52) Ethylbenzene	9.578	91	30673	5.32	ug/L	98
53) m,p-Xylene	9.700	106	11150	5.24	ug/L	90
54) o-xylene	10.108	106	10733	5.02	ug/L	99
55) Styrene	10.121	104	17826	4.85	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.790	83	12710	5.38	ug/L	99
59) Bromoform	10.298	173	6074	5.22	ug/L #	97
60) 1,2,3-Trichloropropane	10.832	75	11126	5.84	ug/L	97
61) Isopropylbenzene	10.491	105	29404	5.40	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	23693	5.07	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	24869	5.25	ug/L	100
64) 1,3-Dichlorobenzene	11.754	146	15171	5.73	ug/L	97
65) 1,4-Dichlorobenzene	11.844	146	15585	5.92	ug/L	96
67) 1,2-Dichlorobenzene	12.221	146	15870	5.96	ug/L	94
68) 1,2-Dibromo-3-chloropr...	13.005	75	3791	6.11	ug/L #	84
69) 1,3,5-Trichlorobenzene	13.227	180	11582	5.79	ug/L	99
70) 1,2,4-trichlorobenzene	13.851	180	9580	6.05	ug/L	96
71) Naphthalene	14.095	128	25754	5.45	ug/L	98
72) 1,2,3-Trichlorobenzene	14.340	180	9721	6.29	ug/L	98

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

