

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040121\
 Data File : VU042871.D
 Acq On : 01 Apr 2021 11:17
 Operator : SY/MD
 Sample : VSTD01004
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01004

Manual Integrations
 APPROVED

Quant Time: Apr 01 11:50:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR040121WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 01 11:19:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	99590	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	98173	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	55385	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	64653	9.74	ug/L	0.00
7) Chloroethane-d5	1.919	69	59287	11.79	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	63	156699	10.45	ug/L	0.00
20) 2-Butanone-d5	4.645	46	270944	124.29	ug/L	0.00
24) Chloroform-d	5.073	84	152428	11.61	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.713	65	92662	11.47	ug/L	0.00
32) Benzene-d6	5.735	84	273645	11.37	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.700	67	89709	11.55	ug/L	0.00
41) Toluene-d8	7.906	98	269184	11.45	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.185	79	41937	11.56	ug/L	0.00
46) 2-Hexanone-d5	8.645	63	213382	122.85	ug/L	0.00
57) 1,1,2,2-Tetrachloroeth...	10.764	84	81549	11.79	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.201	152	111118	11.07	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	80691	8.70	ug/L	99
3) Chloromethane	1.523	50	75495	8.60	ug/L	98
5) Vinyl chloride	1.607	62	77981	8.85	ug/L	99
6) Bromomethane	1.864	94	48058	9.88	ug/L	97
8) Chloroethane	1.938	64	51980	9.88	ug/L	99
9) Trichlorofluoromethane	2.141	101	147503	10.26	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	72599	9.61	ug/L	98
12) 1,1-Dichloroethene	2.584	96	66074	9.42	ug/L #	79
13) Acetone	2.655	43	165885m	98.75	ug/L	
14) Carbon disulfide	2.800	76	205039	9.18	ug/L	99
15) Methyl Acetate	2.961	43	32130	7.69	ug/L	97
16) Methylene chloride	3.054	84	71593	8.52	ug/L	97
17) Methyl tert-butyl Ether	3.372	73	189210	9.59	ug/L	99
18) trans-1,2-Dichloroethene	3.363	96	69290	9.39	ug/L	97
19) 1,1-Dichloroethane	3.880	63	136617	9.60	ug/L	99
21) 2-Butanone	4.723	43	278292	97.46	ug/L	93
22) cis-1,2-Dichloroethene	4.674	96	76401	9.69	ug/L	97
23) Bromochloromethane	4.983	128	36204	9.65	ug/L	93
25) Chloroform	5.099	83	142905	9.56	ug/L	100
27) 1,2-Dichloroethane	5.803	62	106808	9.52	ug/L	96
29) 1,1,1-Trichloroethane	5.324	97	128960	9.45	ug/L	97
30) Cyclohexane	5.398	56	126088	9.25	ug/L	99
31) Carbon tetrachloride	5.533	117	111839	9.29	ug/L	98
33) Benzene	5.784	78	291158	9.48	ug/L	100
34) Trichloroethene	6.549	95	78921	9.27	ug/L	96
35) Methylcyclohexane	6.771	83	125713	9.70	ug/L	97
37) 1,2-Dichloropropane	6.800	63	80403	9.70	ug/L	98
38) Bromodichloromethane	7.115	83	104540	9.66	ug/L	98
39) cis-1,3-Dichloropropene	7.613	75	119484	9.89	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	704806	97.48	ug/L	96
42) Toluene	7.976	91	329705	9.84	ug/L	96
44) trans-1,3-Dichloropropene	8.218	75	111739	10.02	ug/L	97

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45) 1,1,2-Trichloroethane	8.407	97	58182	9.51	ug/L	96
47) Tetrachloroethene	8.558	164	65735	9.47	ug/L	99
48) 2-Hexanone	8.697	43	520915	97.65	ug/L	96
49) Dibromochloromethane	8.819	129	75913	9.92	ug/L	97
50) 1,2-Dibromoethane	8.931	107	58897	9.77	ug/L	98
51) Chlorobenzene	9.452	112	206745	9.65	ug/L	100
52) Ethylbenzene	9.578	91	378256	10.02	ug/L	99
53) m,p-Xylene	9.700	106	138900	9.95	ug/L	96
54) o-Xylene	10.108	106	137282	10.15	ug/L	98
55) Styrene	10.121	104	239146	10.40	ug/L	100
56) Isopropylbenzene	10.491	105	380828	10.24	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.790	83	78613	9.60	ug/L	99
59) 1,2,3-Trichloropropane	10.832	75	58054	9.32	ug/L	97
61) Bromoform	10.298	173	48487	9.70	ug/L	100
62) 1,3-Dichlorobenzene	11.754	146	182971	9.57	ug/L	97
63) 1,4-Dichlorobenzene	11.845	146	183608	9.64	ug/L	99
65) 1,2-Dichlorobenzene	12.221	146	177114	9.63	ug/L	99
66) 1,2-Dibromo-3-chloropr...	13.005	75	14095	9.12	ug/L	89
67) 1,3,5-Trichlorobenzene	13.227	180	150869	9.11	ug/L	99
68) 1,2,4-trichlorobenzene	13.848	180	125478	9.15	ug/L	99
69) Naphthalene	14.095	128	213031	9.56	ug/L	99
70) 1,2,3-Trichlorobenzene	14.336	180	112059	9.01	ug/L	98

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

