

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040121\
 Data File : VU042874.D
 Acq On : 01 Apr 2021 14:01
 Operator : SY/MD
 Sample : VSTD0.501
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.501

Manual Integrations
 APPROVED

MMDadoda
 4/2/2021 5:42:58 PM

Quant Time: Apr 01 14:25:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR040121WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 01 14:12:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	104628	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	101954	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	53758	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	2763	0.40	ug/L	0.00
7) Chloroethane-d5	1.922	69	2272	0.43	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	63	6922	0.44	ug/L	0.00
20) 2-Butanone-d5	4.662	46	10925m	4.77	ug/L	0.02
24) Chloroform-d	5.073	84	6336	0.46	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.713	65	4649	0.55	ug/L	0.00
32) Benzene-d6	5.739	84	11324	0.45	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.700	67	3575	0.44	ug/L	0.00
41) Toluene-d8	7.909	98	11905	0.49	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.189	79	1515	0.40	ug/L	0.00
46) 2-Hexanone-d5	8.649	63	7565	4.19	ug/L	0.00
57) 1,1,2,2-Tetrachloroeth...	10.764	84	3188	0.44	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.201	152	4328	0.44	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	4159	0.43	ug/L	98
3) Chloromethane	1.523	50	4442	0.48	ug/L	98
5) Vinyl chloride	1.607	62	4421	0.48	ug/L	99
6) Bromomethane	1.864	94	2602	0.51	ug/L	95
8) Chloroethane	1.941	64	2769	0.50	ug/L	95
9) Trichlorofluoromethane	2.147	101	7129	0.47	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	3770	0.47	ug/L	96
12) 1,1-Dichloroethene	2.591	96	3696	0.50	ug/L	88
13) Acetone	2.662	43	6085m	3.45	ug/L	
14) Carbon disulfide	2.803	76	10622	0.45	ug/L	99
15) Methyl Acetate	2.974	43	1602	0.37	ug/L #	68
16) Methylene chloride	3.054	84	4456	0.50	ug/L	95
17) Methyl tert-butyl Ether	3.375	73	9064	0.44	ug/L	96
18) trans-1,2-Dichloroethene	3.359	96	3463	0.45	ug/L	95
19) 1,1-Dichloroethane	3.880	63	6907	0.46	ug/L	98
21) 2-Butanone	4.739	43	14071m	4.69	ug/L	
22) cis-1,2-Dichloroethene	4.674	96	3779	0.46	ug/L	97
23) Bromochloromethane	4.993	128	1761	0.45	ug/L	86
25) Chloroform	5.099	83	7614	0.48	ug/L	97
27) 1,2-Dichloroethane	5.806	62	5709	0.48	ug/L #	92
29) 1,1,1-Trichloroethane	5.327	97	6445	0.45	ug/L	91
30) Cyclohexane	5.401	56	6387	0.45	ug/L	97
31) Carbon tetrachloride	5.533	117	5770	0.46	ug/L	99
33) Benzene	5.784	78	15871	0.50	ug/L	100
34) Trichloroethene	6.555	95	3952	0.45	ug/L	95
35) Methylcyclohexane	6.771	83	5504	0.41	ug/L	96
37) 1,2-Dichloropropane	6.800	63	3939	0.46	ug/L #	92
38) Bromodichloromethane	7.115	83	5244	0.47	ug/L	98
39) cis-1,3-Dichloropropene	7.620	75	5620	0.45	ug/L	91
40) 4-Methyl-2-pentanone	7.806	43	35834	4.77	ug/L	95
42) Toluene	7.977	91	16007	0.46	ug/L	96
44) trans-1,3-Dichloropropene	8.218	75	5287	0.46	ug/L	98

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

45) 1,1,2-Trichloroethane	8.411	97	2763	0.44	ug/L	93
47) Tetrachloroethene	8.565	164	3231	0.45	ug/L	97
48) 2-Hexanone	8.703	43	26475	4.78	ug/L	91
49) Dibromochloromethane	8.819	129	3663	0.46	ug/L	97
50) 1,2-Dibromoethane	8.931	107	2743	0.44	ug/L #	86
51) Chlorobenzene	9.456	112	10390	0.47	ug/L	97
52) Ethylbenzene	9.581	91	17334	0.44	ug/L	100
53) m,p-Xylene	9.703	106	6277	0.43	ug/L	99
54) o-Xylene	10.111	106	6136	0.44	ug/L	97
55) Styrene	10.124	104	10227	0.43	ug/L	97
56) Isopropylbenzene	10.494	105	17469	0.45	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.790	83	3781	0.44	ug/L #	99
59) 1,2,3-Trichloropropane	10.832	75	2963	0.46	ug/L	94
61) Bromoform	10.298	173	2171	0.45	ug/L #	90
62) 1,3-Dichlorobenzene	11.758	146	8998	0.48	ug/L	95
63) 1,4-Dichlorobenzene	11.848	146	8651	0.47	ug/L	95
65) 1,2-Dichlorobenzene	12.221	146	8640	0.48	ug/L	95
66) 1,2-Dibromo-3-chloropr...	13.008	75	554	0.37	ug/L	97
67) 1,3,5-Trichlorobenzene	13.227	180	7128	0.44	ug/L	95
68) 1,2,4-trichlorobenzene	13.851	180	5229	0.39	ug/L	98
69) Naphthalene	14.098	128	8074	0.37	ug/L #	96
70) 1,2,3-Trichlorobenzene	14.340	180	5104	0.42	ug/L	97

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

