

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012021\
 Data File : VU042096.D
 Acq On : 20 Jan 2021 10:41
 Operator : SY/MD
 Sample : VSTD00105
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00105

Manual Integrations
 APPROVED

SAM
 1/22/2021 2:19:55 PM

Quant Time: Jan 21 03:55:50 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jan 21 03:54:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	126225	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	121103	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	66541	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	7819	0.85	ug/L	0.00
7) Chloroethane-d5	1.919	69	6869	0.81	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	63	17023	0.90	ug/L	0.00
20) 2-Butanone-d5	4.659	46	27756	8.74	ug/L	0.00
24) Chloroform-d	5.076	84	16588	0.88	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.710	65	9971	0.95	ug/L	0.00
32) Benzene-d6	5.739	84	29657	0.80	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.700	67	10113	0.82	ug/L	0.00
41) Toluene-d8	7.906	98	28316	0.84	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.189	79	4672	0.91	ug/L	0.00
46) 2-Hexanone-d5	8.649	63	20817	8.10	ug/L	0.00
57) 1,1,2,2-Tetrachloroeth...	10.768	84	8336	0.87	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.205	152	11338	0.91	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	11361	0.96	ug/L	95
3) Chloromethane	1.520	50	10209	0.73	ug/L	99
5) Vinyl chloride	1.607	62	9872	0.70	ug/L	94
6) Bromomethane	1.861	94	5835	0.67	ug/L	95
8) Chloroethane	1.938	64	5736	0.67	ug/L	99
9) Trichlorofluoromethane	2.144	101	13585	0.76	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	8648	0.87	ug/L	99
12) 1,1-Dichloroethene	2.588	96	8372	0.87	ug/L	98
13) Acetone	2.662	43	18660m	9.36	ug/L	
14) Carbon disulfide	2.800	76	27408	0.86	ug/L	100
15) Methyl Acetate	2.967	43	4753	0.97	ug/L #	91
16) Methylene chloride	3.054	84	10263	0.91	ug/L	99
17) Methyl tert-butyl Ether	3.372	73	24011	0.92	ug/L	98
18) trans-1,2-Dichloroethene	3.360	96	8675	0.87	ug/L	94
19) 1,1-Dichloroethane	3.877	63	16152	0.84	ug/L	97
21) 2-Butanone	4.739	43	32263	10.00	ug/L	94
22) cis-1,2-Dichloroethene	4.678	96	9627	0.93	ug/L	94
23) Bromochloromethane	4.986	128	4361	0.91	ug/L	90
25) Chloroform	5.099	83	16846	0.88	ug/L	96
27) 1,2-Dichloroethane	5.803	62	11637	0.92	ug/L	100
29) 1,1,1-Trichloroethane	5.324	97	15106	0.87	ug/L	97
30) Cyclohexane	5.398	56	16248	0.92	ug/L	98
31) Carbon tetrachloride	5.536	117	13319	0.89	ug/L	100
33) Benzene	5.784	78	34520	0.80	ug/L	100
34) Trichloroethene	6.552	95	9089	0.83	ug/L	96
35) Methylcyclohexane	6.771	83	15703	0.91	ug/L	99
37) 1,2-Dichloropropane	6.803	63	9046	0.82	ug/L #	92
38) Bromodichloromethane	7.115	83	12449	0.85	ug/L	93
39) cis-1,3-Dichloropropene	7.617	75	14528	0.86	ug/L	96
40) 4-Methyl-2-pentanone	7.806	43	75894	9.34	ug/L	100
42) Toluene	7.977	91	36979	0.82	ug/L	99
44) trans-1,3-Dichloropropene	8.221	75	13470	0.90	ug/L	91

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45) 1,1,2-Trichloroethane	8.411	97	6594	0.83	ug/L	95
47) Tetrachloroethene	8.562	164	7541	1.01	ug/L	95
48) 2-Hexanone	8.700	43	51677	9.32	ug/L	96
49) Dibromochloromethane	8.819	129	9006	1.00	ug/L	100
50) 1,2-Dibromoethane	8.935	107	6820	0.91	ug/L	94
51) Chlorobenzene	9.456	112	23834	0.92	ug/L	99
52) Ethylbenzene	9.578	91	42640	0.95	ug/L	97
53) m,p-Xylene	9.703	106	15829	0.97	ug/L	94
54) o-Xylene	10.108	106	15545	0.98	ug/L	98
55) Styrene	10.125	104	26146	0.96	ug/L	99
56) Isopropylbenzene	10.494	105	43618	1.03	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.793	83	8528	0.86	ug/L	99
59) 1,2,3-Trichloropropane	10.835	75	6443	0.86	ug/L	99
61) Bromoform	10.298	173	5858	1.02	ug/L #	96
62) 1,3-Dichlorobenzene	11.755	146	20123	0.93	ug/L	97
63) 1,4-Dichlorobenzene	11.845	146	19842	0.92	ug/L	98
65) 1,2-Dichlorobenzene	12.221	146	18466	0.87	ug/L	99
66) 1,2-Dibromo-3-chloropr...	13.009	75	1652	0.84	ug/L	96
67) 1,3,5-Trichlorobenzene	13.227	180	15708	0.99	ug/L	99
68) 1,2,4-trichlorobenzene	13.851	180	10847	0.89	ug/L	97
69) Naphthalene	14.095	128	13200	0.63	ug/L	99
70) 1,2,3-Trichlorobenzene	14.340	180	9552	0.86	ug/L	99

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

