

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012021\
 Data File : VU042095.D
 Acq On : 20 Jan 2021 10:08
 Operator : SY/MD
 Sample : VSTD0.504
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.504

Manual Integrations
 APPROVED

SAM
 1/22/2021 2:19:49 PM

Quant Time: Jan 21 03:54:57 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	6.259	114	129486	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	121249	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	66730	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	4281	0.45	ug/L	0.00
7) Chloroethane-d5	1.919	69	3380	0.39	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	63	9097	0.47	ug/L	0.00
20) 2-Butanone-d5	4.658	46	14644	4.49	ug/L	0.00
24) Chloroform-d	5.076	84	8665	0.45	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.713	65	5523	0.51	ug/L	0.00
32) Benzene-d6	5.738	84	16757	0.45	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.703	67	5058	0.41	ug/L	0.00
41) Toluene-d8	7.906	98	16116	0.48	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.192	79	2755	0.53	ug/L	0.00
46) 2-Hexanone-d5	8.652	63	11300	4.39	ug/L	0.00
57) 1,1,2,2-Tetrachloroeth...	10.767	84	4466	0.47	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.204	152	6211	0.50	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	5520	0.46	ug/L	100
3) Chloromethane	1.520	50	5215	0.36	ug/L	94
5) Vinyl chloride	1.607	62	4615	0.32	ug/L	99
6) Bromomethane	1.861	94	2771	0.31	ug/L	97
8) Chloroethane	1.938	64	2768	0.32	ug/L	99
9) Trichlorofluoromethane	2.144	101	6596	0.36	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	4195	0.41	ug/L	92
12) 1,1-Dichloroethene	2.587	96	4223	0.43	ug/L	96
13) Acetone	2.668	43	10600m	5.18	ug/L	
14) Carbon disulfide	2.800	76	13179	0.40	ug/L	98
15) Methyl Acetate	2.970	43	1792	0.36	ug/L #	88
16) Methylene chloride	3.054	84	6061	0.52	ug/L	98
17) Methyl tert-butyl Ether	3.375	73	11766	0.44	ug/L	97
18) trans-1,2-Dichloroethene	3.366	96	4544	0.45	ug/L	90
19) 1,1-Dichloroethane	3.883	63	7673	0.39	ug/L	98
21) 2-Butanone	4.738	43	15379	4.64	ug/L	94
22) cis-1,2-Dichloroethene	4.681	96	4655	0.44	ug/L	100
23) Bromochloromethane	4.986	128	2081	0.42	ug/L	90
25) Chloroform	5.099	83	8730	0.44	ug/L	97
27) 1,2-Dichloroethane	5.806	62	5904	0.46	ug/L	99
29) 1,1,1-Trichloroethane	5.324	97	7352	0.42	ug/L	98
30) Cyclohexane	5.398	56	8296	0.47	ug/L	95
31) Carbon tetrachloride	5.533	117	6324	0.42	ug/L	97
33) Benzene	5.783	78	16202	0.37	ug/L	100
34) Trichloroethene	6.555	95	4239	0.39	ug/L	94
35) Methylcyclohexane	6.774	83	7590	0.44	ug/L	95
37) 1,2-Dichloropropane	6.803	63	4317	0.39	ug/L #	93
38) Bromodichloromethane	7.118	83	5890	0.40	ug/L	98
39) cis-1,3-Dichloropropene	7.616	75	7099	0.42	ug/L	88
40) 4-Methyl-2-pentanone	7.806	43	38287	4.70	ug/L	99
42) Toluene	7.976	91	17681	0.39	ug/L	100
44) trans-1,3-Dichloropropene	8.221	75	6547	0.44	ug/L	85

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45) 1,1,2-Trichloroethane	8.410	97	3242	0.41	ug/L	90
47) Tetrachloroethene	8.561	164	3553	0.48	ug/L	93
48) 2-Hexanone	8.700	43	24744	4.46	ug/L	97
49) Dibromochloromethane	8.819	129	4152	0.46	ug/L	93
50) 1,2-Dibromoethane	8.934	107	3450	0.46	ug/L #	94
51) Chlorobenzene	9.455	112	11291	0.43	ug/L	98
52) Ethylbenzene	9.581	91	20215	0.45	ug/L	98
53) m,p-Xylene	9.703	106	7479	0.46	ug/L	98
54) o-Xylene	10.108	106	7118	0.45	ug/L	97
55) Styrene	10.124	104	12318	0.45	ug/L	98
56) Isopropylbenzene	10.494	105	20349	0.48	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.790	83	4054	0.41	ug/L	97
59) 1,2,3-Trichloropropane	10.831	75	2971	0.40	ug/L	97
61) Bromoform	10.301	173	2771	0.48	ug/L #	96
62) 1,3-Dichlorobenzene	11.754	146	9636	0.45	ug/L	98
63) 1,4-Dichlorobenzene	11.848	146	9818	0.45	ug/L	98
65) 1,2-Dichlorobenzene	12.224	146	8984	0.42	ug/L	98
66) 1,2-Dibromo-3-chloropr...	13.008	75	696	0.35	ug/L	93
67) 1,3,5-Trichlorobenzene	13.230	180	6916	0.43	ug/L	97
68) 1,2,4-trichlorobenzene	13.851	180	4792	0.39	ug/L	98
69) Naphthalene	14.098	128	4609	0.22	ug/L	97
70) 1,2,3-Trichlorobenzene	14.343	180	4197	0.37	ug/L	97

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

