

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021921\
 Data File : VU042356.D
 Acq On : 19 Feb 2021 11:50
 Operator : SY/MD
 Sample : VSTD02003
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02003

Manual Integrations
 APPROVED

SAM

2/19/2021 3:52:27 PM

Quant Time: Feb 19 13:04:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR021921WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Feb 19 13:01:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	121334	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	118327	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	69232	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	130522	17.19	ug/L	0.00
7) Chloroethane-d5	1.919	69	119147	18.89	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	63	365037	20.99	ug/L	0.00
20) 2-Butanone-d5	4.645	46	660278	225.94	ug/L	0.00
24) Chloroform-d	5.073	84	353067	21.26	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.713	65	208760	20.94	ug/L	0.00
32) Benzene-d6	5.739	84	618339	20.01	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.700	67	207098	20.65	ug/L	0.00
41) Toluene-d8	7.909	98	596484	20.31	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.189	79	92509	18.88	ug/L	0.00
46) 2-Hexanone-d5	8.648	63	491617	221.13	ug/L	0.00
57) 1,1,2,2-Tetrachloroeth...	10.767	84	197613	22.84	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.201	152	260503	20.85	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	252198	21.66	ug/L	99
3) Chloromethane	1.523	50	223046	21.54	ug/L	100
5) Vinyl chloride	1.607	62	228316	22.82	ug/L	99
6) Bromomethane	1.864	94	132203	22.14	ug/L	98
8) Chloroethane	1.938	64	131468	22.51	ug/L	100
9) Trichlorofluoromethane	2.144	101	352058	24.86	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	195917	22.32	ug/L	98
12) 1,1-Dichloroethene	2.584	96	181808	21.73	ug/L	86
13) Acetone	2.655	43	327306m	175.55	ug/L	
14) Carbon disulfide	2.800	76	616215	22.19	ug/L	99
15) Methyl Acetate	2.961	43	88933	20.03	ug/L	99
16) Methylene chloride	3.054	84	193470	19.76	ug/L	97
17) Methyl tert-butyl Ether	3.372	73	535064	22.21	ug/L	98
18) trans-1,2-Dichloroethene	3.362	96	193307	21.77	ug/L	97
19) 1,1-Dichloroethane	3.880	63	372813	22.52	ug/L	99
21) 2-Butanone	4.726	43	783974	237.19	ug/L	97
22) cis-1,2-Dichloroethene	4.674	96	207928	21.95	ug/L	99
23) Bromochloromethane	4.986	128	99375	22.62	ug/L	95
25) Chloroform	5.099	83	377316	22.06	ug/L	99
27) 1,2-Dichloroethane	5.803	62	291793	23.71	ug/L	95
29) 1,1,1-Trichloroethane	5.327	97	353063	22.31	ug/L	98
30) Cyclohexane	5.398	56	360213	21.28	ug/L	98
31) Carbon tetrachloride	5.533	117	313347	22.59	ug/L	100
33) Benzene	5.784	78	785696	22.16	ug/L	100
34) Trichloroethene	6.552	95	218239	22.81	ug/L	98
35) Methylcyclohexane	6.771	83	348673	21.87	ug/L	97
37) 1,2-Dichloropropane	6.800	63	210877	22.54	ug/L	99
38) Bromodichloromethane	7.115	83	288270	22.40	ug/L	98
39) cis-1,3-Dichloropropene	7.616	75	336327	22.30	ug/L	100
40) 4-Methyl-2-pentanone	7.806	43	1930487	238.04	ug/L	97
42) Toluene	7.980	91	871734	22.63	ug/L	98
44) trans-1,3-Dichloropropene	8.221	75	311176	22.38	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.411	97	155603	22.36	ug/L	96
47) Tetrachloroethene	8.562	164	178482	22.46	ug/L	98
48) 2-Hexanone	8.700	43	1423335	250.01	ug/L	98
49) Dibromochloromethane	8.819	129	207402	22.70	ug/L	97
50) 1,2-Dibromoethane	8.935	107	164196	22.89	ug/L	99
51) Chlorobenzene	9.456	112	543694	22.21	ug/L	99
52) Ethylbenzene	9.578	91	988950	22.54	ug/L	100
53) m,p-Xylene	9.703	106	373862	22.78	ug/L	97
54) o-Xylene	10.108	106	363399	22.88	ug/L	98
55) Styrene	10.124	104	636262	23.28	ug/L	98
56) Isopropylbenzene	10.494	105	1010405	22.90	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.793	83	221208	24.68	ug/L	99
59) 1,2,3-Trichloropropane	10.835	75	164658	24.48	ug/L	99
61) Bromoform	10.301	173	141098	22.32	ug/L	100
62) 1,3-Dichlorobenzene	11.754	146	479846	21.83	ug/L	98
63) 1,4-Dichlorobenzene	11.844	146	481757	21.88	ug/L	98
65) 1,2-Dichlorobenzene	12.221	146	468151	22.65	ug/L	99
66) 1,2-Dibromo-3-chloropr...	13.005	75	42757	23.24	ug/L	94
67) 1,3,5-Trichlorobenzene	13.227	180	400637	22.71	ug/L	99
68) 1,2,4-trichlorobenzene	13.851	180	341936	24.36	ug/L	99
69) Naphthalene	14.095	128	612730	29.44	ug/L	99
70) 1,2,3-Trichlorobenzene	14.340	180	307454	24.65	ug/L	99

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

