

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031321\
 Data File : VU042625.D
 Acq On : 12 Mar 2021 21:28
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00527

Quant Time: Mar 13 05:33:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 13 05:26:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	77597	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	77976	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	42242	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	25205	4.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.40%
7) Chloroethane-d5	1.919	69	21350	5.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.00%
11) 1,1-Dichloroethene-d2	2.575	63	56948	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.40%
20) 2-Butanone-d5	4.642	46	86176	50.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.48%
24) Chloroform-d	5.073	84	55519	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
26) 1,2-Dichloroethane-d4	5.710	65	35298	5.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.20%
32) Benzene-d6	5.735	84	95964	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.700	67	31710	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.906	98	97871	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
43) trans-1,3-Dichloroprop...	8.189	79	13188	4.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.60%
46) 2-Hexanone-d5	8.642	63	71108	51.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.08%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	30316	5.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.40%
64) 1,2-Dichlorobenzene-d4	12.201	152	39150	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	34287	4.75	ug/L	100
3) Chloromethane	1.523	50	32630	4.77	ug/L	99
5) Vinyl chloride	1.607	62	32989	4.81	ug/L	99
6) Bromomethane	1.864	94	20773	5.48	ug/L	98
8) Chloroethane	1.938	64	20832	5.08	ug/L	97
9) Trichlorofluoromethane	2.144	101	56542	5.05	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	28945	4.92	ug/L	97
12) 1,1-Dichloroethene	2.588	96	25831	4.72	ug/L	92
13) Acetone	2.652	43	55630	42.50	ug/L	92
14) Carbon disulfide	2.800	76	73524	4.22	ug/L	99
15) Methyl Acetate	2.961	43	13868	4.26	ug/L	100
16) Methylene chloride	3.054	84	30161	4.61	ug/L	96
17) Methyl tert-butyl Ether	3.372	73	70310	4.57	ug/L	97
18) trans-1,2-Dichloroethene	3.359	96	26378	4.59	ug/L	95
19) 1,1-Dichloroethane	3.877	63	55268	4.99	ug/L	96
21) 2-Butanone	4.723	43	95577	42.96	ug/L	100
22) cis-1,2-Dichloroethene	4.674	96	29562	4.81	ug/L	99
23) Bromochloromethane	4.983	128	14255	4.88	ug/L	95
25) Chloroform	5.099	83	57842	4.97	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	43466	4.97	ug/L	97
29) 1,1,1-Trichloroethane	5.327	97	50571	4.66	ug/L	97
30) Cyclohexane	5.398	56	45524	4.21	ug/L	99
31) Carbon tetrachloride	5.536	117	44718	4.68	ug/L	99
33) Benzene	5.784	78	116067	4.76	ug/L	100
34) Trichloroethene	6.549	95	31178	4.61	ug/L	99
35) Methylcyclohexane	6.771	83	43991	4.28	ug/L	98
37) 1,2-Dichloropropane	6.800	63	31482	4.78	ug/L	99
38) Bromodichloromethane	7.115	83	41342	4.81	ug/L	98
39) cis-1,3-Dichloropropene	7.616	75	42825	4.46	ug/L	100
40) 4-Methyl-2-pentanone	7.800	43	279456	48.66	ug/L	96
42) Toluene	7.977	91	127860	4.80	ug/L	98
44) trans-1,3-Dichloropropene	8.218	75	38831	4.39	ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	24399	5.02	ug/L	99
47) Tetrachloroethene	8.562	164	25372	4.60	ug/L	97
48) 2-Hexanone	8.694	43	207636	49.01	ug/L	95
49) Dibromochloromethane	8.819	129	29310	4.82	ug/L	98
50) 1,2-Dibromoethane	8.931	107	24091	5.03	ug/L	97
51) Chlorobenzene	9.456	112	81202	4.77	ug/L	98
52) Ethylbenzene	9.578	91	139076	4.64	ug/L	100
53) m,p-Xylene	9.703	106	51773	4.67	ug/L	100
54) o-Xylene	10.108	106	51554	4.80	ug/L	93
55) Styrene	10.121	104	89442	4.90	ug/L	100
56) Isopropylbenzene	10.491	105	140204	4.75	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.790	83	32080	4.93	ug/L	96
59) 1,2,3-Trichloropropane	10.832	75	24051	4.86	ug/L	100
61) Bromoform	10.301	173	17780	4.66	ug/L	97
62) 1,3-Dichlorobenzene	11.755	146	67914	4.66	ug/L	99
63) 1,4-Dichlorobenzene	11.845	146	69458	4.78	ug/L	97
65) 1,2-Dichlorobenzene	12.221	146	68706	4.90	ug/L	99
66) 1,2-Dibromo-3-chloropr...	13.005	75	5733	4.86	ug/L	93
67) 1,3,5-Trichlorobenzene	13.227	180	54688	4.33	ug/L	99
68) 1,2,4-trichlorobenzene	13.851	180	44172	4.22	ug/L	99
69) Naphthalene	14.095	128	72216	4.25	ug/L	98
70) 1,2,3-Trichlorobenzene	14.340	180	41766	4.40	ug/L	96

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

