

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020321\
 Data File : VU042257.D
 Acq On : 04 Feb 2021 01:27
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00507

Quant Time: Feb 04 05:38:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Feb 04 05:34:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	101620	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	93974	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	51259	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	28740	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	1.919	69	24803	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.575	63	71113	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.40%
20) 2-Butanone-d5	4.642	46	96905	40.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.02%
24) Chloroform-d	5.073	84	66106	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.713	65	40674	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.735	84	120530	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.700	67	39784	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.906	98	112873	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
43) trans-1,3-Dichloroprop...	8.189	79	16673	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
46) 2-Hexanone-d5	8.642	63	90344	51.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.44%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	34215	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	12.201	152	45010	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	39770	4.16	ug/L	98
3) Chloromethane	1.523	50	35674	4.18	ug/L	100
5) Vinyl chloride	1.607	62	35632	4.36	ug/L	98
6) Bromomethane	1.861	94	20746	4.28	ug/L	93
8) Chloroethane	1.938	64	21635	4.56	ug/L	99
9) Trichlorofluoromethane	2.144	101	55946	5.04	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	33345	4.65	ug/L	99
12) 1,1-Dichloroethene	2.588	96	31111	4.52	ug/L	94
13) Acetone	2.652	43	56039	35.17	ug/L	95
14) Carbon disulfide	2.800	76	92664	4.06	ug/L	100
15) Methyl Acetate	2.961	43	15301	4.07	ug/L	99
16) Methylene chloride	3.054	84	34538	4.26	ug/L	98
17) Methyl tert-butyl Ether	3.372	73	92328	4.63	ug/L	99
18) trans-1,2-Dichloroethene	3.363	96	32567	4.44	ug/L	98
19) 1,1-Dichloroethane	3.880	63	65863	4.86	ug/L	99
21) 2-Butanone	4.723	43	105144	39.40	ug/L	97
22) cis-1,2-Dichloroethene	4.678	96	36616	4.69	ug/L	98
23) Bromochloromethane	4.986	128	17635	4.89	ug/L	95
25) Chloroform	5.099	83	67641	4.84	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	48911	4.94	ug/L	95
29) 1,1,1-Trichloroethane	5.327	97	60554	4.89	ug/L	97
30) Cyclohexane	5.398	56	57974	4.36	ug/L	100
31) Carbon tetrachloride	5.533	117	51719	4.74	ug/L	99
33) Benzene	5.784	78	135804	4.91	ug/L	100
34) Trichloroethene	6.552	95	36400	4.88	ug/L	98
35) Methylcyclohexane	6.771	83	55469	4.43	ug/L	97
37) 1,2-Dichloropropane	6.800	63	37232	5.11	ug/L	98
38) Bromodichloromethane	7.115	83	48412	4.81	ug/L	99
39) cis-1,3-Dichloropropene	7.616	75	54522	4.55	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	328662	52.76	ug/L	97
42) Toluene	7.976	91	148189	4.95	ug/L	96
44) trans-1,3-Dichloropropene	8.218	75	48955	4.46	ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	27343	5.07	ug/L	97
47) Tetrachloroethene	8.562	164	29191	4.71	ug/L	99
48) 2-Hexanone	8.694	43	239623	55.33	ug/L	98
49) Dibromochloromethane	8.819	129	34401	4.80	ug/L	97
50) 1,2-Dibromoethane	8.931	107	27349	4.92	ug/L	97
51) Chlorobenzene	9.456	112	93348	4.88	ug/L	96
52) Ethylbenzene	9.578	91	165587	4.83	ug/L	100
53) m,p-Xylene	9.700	106	60172	4.68	ug/L	97
54) o-Xylene	10.108	106	59850	4.80	ug/L	96
55) Styrene	10.121	104	101110	4.71	ug/L	100
56) Isopropylbenzene	10.491	105	165359	4.80	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.790	83	36141	5.25	ug/L	99
59) 1,2,3-Trichloropropane	10.832	75	26567	5.17	ug/L	100
61) Bromoform	10.298	173	21754	4.69	ug/L	97
62) 1,3-Dichlorobenzene	11.754	146	76686	4.79	ug/L	99
63) 1,4-Dichlorobenzene	11.845	146	75906	4.74	ug/L	98
65) 1,2-Dichlorobenzene	12.221	146	76459	5.14	ug/L	98
66) 1,2-Dibromo-3-chloropr...	13.005	75	6681	5.03	ug/L	94
67) 1,3,5-Trichlorobenzene	13.227	180	63763	4.98	ug/L	99
68) 1,2,4-trichlorobenzene	13.848	180	52426	5.18	ug/L	98
69) Naphthalene	14.095	128	93793	6.33	ug/L	100
70) 1,2,3-Trichlorobenzene	14.340	180	48422	5.40	ug/L	97

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

