

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020821\
 Data File : VU042292.D
 Acq On : 08 Feb 2021 13:24
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00511

Quant Time: Feb 09 00:20:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Feb 09 00:18:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	90370	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	86044	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	47439	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	26806	4.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.00%
7) Chloroethane-d5	1.919	69	23687	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.80%
11) 1,1-Dichloroethene-d2	2.575	63	68054	5.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.00%
20) 2-Butanone-d5	4.649	46	127196	59.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.60%
24) Chloroform-d	5.076	84	67028	5.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.20%
26) 1,2-Dichloroethane-d4	5.713	65	40738	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.80%
32) Benzene-d6	5.739	84	117807	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
36) 1,2-Dichloropropane-d6	6.700	67	39340	5.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.60%
41) Toluene-d8	7.906	98	109772	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
43) trans-1,3-Dichloroprop...	8.189	79	17417	4.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.80%
46) 2-Hexanone-d5	8.645	63	89149	55.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.48%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	34494	5.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.00%
64) 1,2-Dichlorobenzene-d4	12.201	152	44926	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	37765	4.44	ug/L	100
3) Chloromethane	1.523	50	34327	4.52	ug/L	99
5) Vinyl chloride	1.607	62	34758	4.78	ug/L	94
6) Bromomethane	1.864	94	19959	4.63	ug/L	97
8) Chloroethane	1.938	64	20201	4.79	ug/L	99
9) Trichlorofluoromethane	2.144	101	54555	5.53	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	34072	5.35	ug/L	99
12) 1,1-Dichloroethene	2.588	96	29823	4.87	ug/L	85
13) Acetone	2.658	43	78604	55.48	ug/L	85
14) Carbon disulfide	2.800	76	91719	4.51	ug/L	99
15) Methyl Acetate	2.964	43	15836	4.74	ug/L	95
16) Methylene chloride	3.054	84	33780	4.68	ug/L	99
17) Methyl tert-butyl Ether	3.375	73	90476	5.10	ug/L	98
18) trans-1,2-Dichloroethene	3.362	96	31462	4.83	ug/L	97
19) 1,1-Dichloroethane	3.880	63	63848	5.30	ug/L	98
21) 2-Butanone	4.729	43	131562	55.43	ug/L	96
22) cis-1,2-Dichloroethene	4.678	96	35185	5.06	ug/L	98
23) Bromochloromethane	4.986	128	16657	5.19	ug/L	94
25) Chloroform	5.099	83	64992	5.23	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	49749	5.65	ug/L	96
29) 1,1,1-Trichloroethane	5.327	97	59336	5.23	ug/L	97
30) Cyclohexane	5.398	56	58800	4.83	ug/L	98
31) Carbon tetrachloride	5.536	117	51762	5.18	ug/L	100
33) Benzene	5.784	78	132724	5.24	ug/L	100
34) Trichloroethene	6.552	95	36667	5.37	ug/L	98
35) Methylcyclohexane	6.771	83	56539	4.94	ug/L	97
37) 1,2-Dichloropropane	6.800	63	36895	5.53	ug/L	99
38) Bromodichloromethane	7.115	83	48656	5.28	ug/L	97
39) cis-1,3-Dichloropropene	7.616	75	55525	5.06	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	315627	55.34	ug/L	97
42) Toluene	7.976	91	144170	5.26	ug/L	99
44) trans-1,3-Dichloropropene	8.221	75	49974	4.97	ug/L	97
45) 1,1,2-Trichloroethane	8.410	97	26860	5.44	ug/L	97
47) Tetrachloroethene	8.562	164	28783	5.07	ug/L	99
48) 2-Hexanone	8.697	43	233830	58.97	ug/L	96
49) Dibromochloromethane	8.819	129	34137	5.20	ug/L	95
50) 1,2-Dibromoethane	8.931	107	26712	5.24	ug/L #	100
51) Chlorobenzene	9.455	112	91564	5.22	ug/L	98
52) Ethylbenzene	9.578	91	160410	5.11	ug/L	100
53) m,p-Xylene	9.703	106	58896	5.00	ug/L	96
54) o-Xylene	10.108	106	59102	5.18	ug/L	98
55) Styrene	10.124	104	99559	5.07	ug/L	96
56) Isopropylbenzene	10.494	105	161126	5.11	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.793	83	34820	5.52	ug/L	98
59) 1,2,3-Trichloropropane	10.832	75	26069	5.54	ug/L	99
61) Bromoform	10.301	173	21187	4.94	ug/L	100
62) 1,3-Dichlorobenzene	11.754	146	75157	5.08	ug/L	98
63) 1,4-Dichlorobenzene	11.844	146	75277	5.08	ug/L	98
65) 1,2-Dichlorobenzene	12.221	146	73678	5.35	ug/L	99
66) 1,2-Dibromo-3-chloropr...	13.005	75	6837	5.56	ug/L	87
67) 1,3,5-Trichlorobenzene	13.227	180	63589	5.37	ug/L	99
68) 1,2,4-trichlorobenzene	13.851	180	51955	5.54	ug/L	99
69) Naphthalene	14.095	128	88435	6.45	ug/L	100
70) 1,2,3-Trichlorobenzene	14.339	180	47439	5.72	ug/L	98

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

