Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031221\
Data File : VU042602.D
Acq On : 12 Mar 2021 10:12
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00525

Quant Time: Mar 12 11:39:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 12 02:42:43 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	78805	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	80274	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	43187	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	25011	4.76	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.20%			
7) Chloroethane-d5	1.919	69	20549	5.17	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 103.40%			
11) 1,1-Dichloroethene-d2	2.575	63	56960	4.80	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 96.00%			
20) 2-Butanone-d5	4.645	46	82649	47.91	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.82%			
24) Chloroform-d	5.073	84	54688	5.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.20%			
26) 1,2-Dichloroethane-d4	5.713	65	33749	5.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.60%			
32) Benzene-d6	5.735	84	94615	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.20%			
36) 1,2-Dichloropropane-d6	6.700	67	31221	4.92	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.40%			
41) Toluene-d8	7.906	98	97734	5.09	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.80%			
43) trans-1,3-Dichloroprop...	8.189	79	13423	4.53	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.60%			
46) 2-Hexanone-d5	8.642	63	64181	45.19	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.38%			
57) 1,1,2,2-Tetrachloroeth...	10.764	84	27888	4.93	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.60%			
64) 1,2-Dichlorobenzene-d4	12.201	152	38327	4.90	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	35300	4.81	ug/L	99
3) Chloromethane	1.523	50	34451	4.96	ug/L	99
5) Vinyl chloride	1.607	62	34500	4.95	ug/L	96
6) Bromomethane	1.864	94	21527	5.59	ug/L	97
8) Chloroethane	1.938	64	21303	5.12	ug/L	98
9) Trichlorofluoromethane	2.144	101	60642	5.33	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	30026	5.02	ug/L	97
12) 1,1-Dichloroethene	2.588	96	26966	4.86	ug/L	91
13) Acetone	2.655	43	49558	37.28	ug/L	96
14) Carbon disulfide	2.800	76	78719	4.45	ug/L	100
15) Methyl Acetate	2.961	43	13278	4.02	ug/L	98
16) Methylene chloride	3.054	84	29643	4.46	ug/L	91
17) Methyl tert-butyl Ether	3.372	73	71192	4.56	ug/L	99
18) trans-1,2-Dichloroethene	3.362	96	27128	4.65	ug/L	97
19) 1,1-Dichloroethane	3.880	63	56323	5.00	ug/L	99
21) 2-Butanone	4.729	43	106028	46.92	ug/L	94
22) cis-1,2-Dichloroethene	4.678	96	30256	4.85	ug/L	99
23) Bromochloromethane	4.983	128	14925	5.03	ug/L	91
25) Chloroform	5.099	83	59467	5.03	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	43425	4.89	ug/L	96
29) 1,1,1-Trichloroethane	5.327	97	53834	4.82	ug/L	97
30) Cyclohexane	5.398	56	49399	4.43	ug/L	99
31) Carbon tetrachloride	5.533	117	46570	4.73	ug/L	99
33) Benzene	5.784	78	121582	4.84	ug/L	100
34) Trichloroethene	6.549	95	31629	4.54	ug/L	98
35) Methylcyclohexane	6.771	83	46094	4.35	ug/L	96
37) 1,2-Dichloropropane	6.800	63	33790	4.98	ug/L	100
38) Bromodichloromethane	7.115	83	42781	4.84	ug/L	100
39) cis-1,3-Dichloropropene	7.616	75	45418	4.60	ug/L	100
40) 4-Methyl-2-pentanone	7.803	43	271697	45.96	ug/L	95
42) Toluene	7.976	91	131919	4.82	ug/L	98
44) trans-1,3-Dichloropropene	8.221	75	41816	4.59	ug/L	98
45) 1,1,2-Trichloroethane	8.407	97	24251	4.85	ug/L	98
47) Tetrachloroethene	8.562	164	27480	4.84	ug/L	98
48) 2-Hexanone	8.697	43	198620	45.54	ug/L	95
49) Dibromochloromethane	8.819	129	29819	4.76	ug/L	96
50) 1,2-Dibromoethane	8.935	107	23925	4.85	ug/L	96
51) Chlorobenzene	9.456	112	82812	4.73	ug/L	98
52) Ethylbenzene	9.578	91	144864	4.69	ug/L	100
53) m,p-Xylene	9.703	106	55020	4.82	ug/L	99
54) o-Xylene	10.108	106	52475	4.74	ug/L	93
55) Styrene	10.121	104	90468	4.81	ug/L	100
56) Isopropylbenzene	10.491	105	145509	4.79	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.790	83	30149	4.50	ug/L	98
59) 1,2,3-Trichloropropane	10.832	75	23140	4.54	ug/L	97
61) Bromoform	10.301	173	18056	4.63	ug/L	98
62) 1,3-Dichlorobenzene	11.754	146	72080	4.84	ug/L	98
63) 1,4-Dichlorobenzene	11.844	146	71862	4.84	ug/L	98
65) 1,2-Dichlorobenzene	12.221	146	68953	4.81	ug/L	99
66) 1,2-Dibromo-3-chloropr...	13.005	75	5063	4.20	ug/L	95
67) 1,3,5-Trichlorobenzene	13.227	180	57197	4.43	ug/L	99
68) 1,2,4-trichlorobenzene	13.848	180	44465	4.16	ug/L	98
69) Naphthalene	14.095	128	70677	4.07	ug/L	99
70) 1,2,3-Trichlorobenzene	14.340	180	42417	4.37	ug/L	97

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

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