Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022020\
Data File : VU036862.D
Acq On : 20 Feb 2020 11:02
Operator : JC/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00526

Quant Time: Feb 21 00:47:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 20 13:35:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	144135	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	135180	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	61397	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	49848	4.02	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 80.40%			
7) Chloroethane-d5	1.93	69	46439	4.32	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.40%			
11) 1,1-Dichloroethene-d2	2.59	63	88335	4.27	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 85.40%			
20) 2-Butanone-d5	4.68	46	135576	52.16	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.32%			
24) Chloroform-d	5.11	84	87972	4.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.00%			
26) 1,2-Dichloroethane-d4	5.74	65	50166	4.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.60%			
32) Benzene-d6	5.76	84	186416	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.60%			
36) 1,2-Dichloropropane-d6	6.73	67	60520	4.64	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.80%			
41) Toluene-d8	7.93	98	174150	4.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.00%			
43) trans-1,3-Dichloropropene-	8.21	79	22593	4.46	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.20%			
46) 2-Hexanone-d5	8.66	63	112162	48.44	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.88%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	48358	4.70	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.00%			
64) 1,2-Dichlorobenzene-d4	12.21	152	56038	4.57	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	41785	4.390	ug/L	99
3) Chloromethane	1.53	50	48302	4.875	ug/L	97
5) Vinyl chloride	1.62	62	51109	4.416	ug/L	98
6) Bromomethane	1.87	94	24846	3.573	ug/L	96
8) Chloroethane	1.95	64	33770	4.177	ug/L	98
9) Trichlorofluoromethane	2.16	101	66049	4.338	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	42620	4.384	ug/L	99
12) 1,1-Dichloroethene	2.60	96	39054	4.455	ug/L	98
13) Acetone	2.67	43	163627	49.227	ug/L	98
14) Carbon disulfide	2.82	76	89184	4.215	ug/L	100
15) Methyl Acetate	2.99	43	19860	4.503	ug/L	97
16) Methylene chloride	3.08	84	56169	3.801	ug/L	97
17) Methyl tert-butyl Ether	3.40	73	120415	4.637	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	41087	4.541	ug/L	99
19) 1,1-Dichloroethane	3.91	63	89646	4.725	ug/L	99
21) 2-Butanone	4.76	43	195025	50.439	ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	51196	4.676	ug/L	95

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ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00526

Quant Time: Feb 21 00:47:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 20 13:35:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	20048	4.606	ug/L	96
25) Chloroform	5.13	83	88711	4.378	ug/L	99
27) 1,2-Dichloroethane	5.83	62	58870	4.558	ug/L	100
29) 1,1,1-Trichloroethane	5.36	97	66566	4.484	ug/L	98
30) Cyclohexane	5.42	56	73469	4.659	ug/L	96
31) Carbon tetrachloride	5.56	117	50976	4.256	ug/L	98
33) Benzene	5.81	78	192284	4.612	ug/L	100
34) Trichloroethene	6.57	95	48294	4.548	ug/L	99
35) Methylcyclohexane	6.79	83	75917	4.505	ug/L	98
37) 1,2-Dichloropropane	6.83	63	53894	4.734	ug/L	100
38) Bromodichloromethane	7.14	83	62480	4.599	ug/L	97
39) cis-1,3-Dichloropropene	7.64	75	77792	4.722	ug/L	98
40) 4-Methyl-2-pentanone	7.83	43	366550	49.893	ug/L	100
42) Toluene	8.00	91	207610	4.636	ug/L	100
44) trans-1,3-Dichloropropene	8.24	75	61256	4.758	ug/L	96
45) 1,1,2-Trichloroethane	8.43	97	37241	4.702	ug/L	97
47) Tetrachloroethene	8.58	164	31878	4.413	ug/L	97
48) 2-Hexanone	8.72	43	319442	50.809	ug/L	99
49) Dibromochloromethane	8.83	129	38194	4.663	ug/L	97
50) 1,2-Dibromoethane	8.95	107	32770	4.581	ug/L	100
51) Chlorobenzene	9.47	112	127422	4.600	ug/L	99
52) Ethylbenzene	9.59	91	230992	4.618	ug/L	100
53) m,p-Xylene	9.72	106	85646	4.653	ug/L	94
54) o-Xylene	10.12	106	84822	4.693	ug/L	97
55) Styrene	10.14	104	140461	4.610	ug/L	100
56) Isopropylbenzene	10.50	105	229380	4.742	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	47929	4.623	ug/L	96
59) 1,2,3-Trichloropropane	10.84	75	34850	4.636	ug/L	99
61) Bromoform	10.31	173	19405	4.587	ug/L	97
62) 1,3-Dichlorobenzene	11.76	146	97465	4.608	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	96009	4.578	ug/L	100
65) 1,2-Dichlorobenzene	12.23	146	93108	4.566	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	6742	4.430	ug/L	93
67) 1,3,5-Trichlorobenzene	13.25	180	69796	4.687	ug/L	100
68) 1,2,4-trichlorobenzene	13.87	180	53888	4.799	ug/L	99
69) Naphthalene	14.12	128	120691	5.932	ug/L	99
70) 1,2,3-Trichlorobenzene	14.37	180	50075	4.969	ug/L	97

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

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