Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090120\
Data File : VU040012.D
Acq On : 01 Sep 2020 15:30
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00517

Quant Time: Sep 01 17:17:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 01 12:38:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	111905	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	110750	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	55904	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	27889	4.56	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.20%			
7) Chloroethane-d5	1.92	69	24567	4.83	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.60%			
11) 1,1-Dichloroethene-d2	2.58	63	73492	4.69	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.80%			
20) 2-Butanone-d5	4.65	46	120279	49.22	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.44%			
24) Chloroform-d	5.08	84	67970	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.20%			
26) 1,2-Dichloroethane-d4	5.72	65	40450	4.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.80%			
32) Benzene-d6	5.74	84	123680	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.60%			
36) 1,2-Dichloropropane-d6	6.70	67	39523	4.64	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.80%			
41) Toluene-d8	7.90	98	110803	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.80%			
43) trans-1,3-Dichloropropene-	8.18	79	17530	4.48	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.60%			
46) 2-Hexanone-d5	8.64	63	89962	48.51	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.02%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	37291	5.06	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	42360	4.68	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	48148	4.335	ug/L	100
3) Chloromethane	1.53	50	54203	5.098	ug/L	98
5) Vinyl chloride	1.61	62	54651	5.070	ug/L	95
6) Bromomethane	1.86	94	29271	5.313	ug/L	95
8) Chloroethane	1.94	64	31598	4.878	ug/L	99
9) Trichlorofluoromethane	2.15	101	79438	5.145	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	47362	4.732	ug/L	99
12) 1,1-Dichloroethene	2.59	96	41574	4.801	ug/L	97
13) Acetone	2.66	43	112633	49.787	ug/L	100
14) Carbon disulfide	2.80	76	132023	4.754	ug/L	98
15) Methyl Acetate	2.96	43	26231	4.620	ug/L	98
16) Methylene chloride	3.06	84	51689	4.558	ug/L	96
17) Methyl tert-butyl Ether	3.38	73	123777	4.742	ug/L	100
18) trans-1,2-Dichloroethene	3.37	96	44782	4.807	ug/L	97
19) 1,1-Dichloroethane	3.89	63	91856	4.790	ug/L	98
21) 2-Butanone	4.73	43	183037	49.557	ug/L	99
22) cis-1,2-Dichloroethene	4.68	96	49687	4.960	ug/L	98

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00517

Quant Time: Sep 01 17:17:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 01 12:38:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	21784	4.963 ug/L	96
25) Chloroform	5.10	83	96533	4.916 ug/L	98
27) 1,2-Dichloroethane	5.81	62	69396	4.823 ug/L	99
29) 1,1,1-Trichloroethane	5.33	97	84071	4.835 ug/L	98
30) Cyclohexane	5.40	56	80075	4.749 ug/L	97
31) Carbon tetrachloride	5.54	117	69983	4.703 ug/L	98
33) Benzene	5.79	78	191952	4.845 ug/L	100
34) Trichloroethene	6.55	95	51986	4.892 ug/L	98
35) Methylcyclohexane	6.77	83	76965	4.729 ug/L	98
37) 1,2-Dichloropropane	6.80	63	54367	5.068 ug/L	100
38) Bromodichloromethane	7.11	83	70391	4.806 ug/L	95
39) cis-1,3-Dichloropropene	7.61	75	76523	4.837 ug/L	100
40) 4-Methyl-2-pentanone	7.80	43	433248	49.220 ug/L	99
42) Toluene	7.97	91	201803	4.946 ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	69061	4.711 ug/L	99
45) 1,1,2-Trichloroethane	8.40	97	38170	4.884 ug/L	98
47) Tetrachloroethene	8.56	164	33005	4.728 ug/L	98
48) 2-Hexanone	8.69	43	312739	48.708 ug/L	99
49) Dibromochloromethane	8.81	129	44459	4.739 ug/L	95
50) 1,2-Dibromoethane	8.93	107	36342	4.823 ug/L	97
51) Chlorobenzene	9.45	112	127953	5.051 ug/L	96
52) Ethylbenzene	9.57	91	224394	4.840 ug/L	99
53) m,p-Xylene	9.69	106	85160	5.159 ug/L	92
54) o-Xylene	10.10	106	79641	5.063 ug/L	96
55) Styrene	10.11	104	140938	5.153 ug/L	99
56) Isopropylbenzene	10.48	105	224610	5.236 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	49634	4.953 ug/L	97
59) 1,2,3-Trichloropropane	10.82	75	38651	4.863 ug/L	99
61) Bromoform	10.29	173	23861	4.653 ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	100257	4.907 ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	99630	4.819 ug/L	99
65) 1,2-Dichlorobenzene	12.20	146	95724	4.842 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	9690	4.583 ug/L #	82
67) 1,3,5-Trichlorobenzene	13.21	180	69615	4.845 ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	57558	4.651 ug/L	97
69) Naphthalene	14.08	128	113278	4.391 ug/L	100
70) 1,2,3-Trichlorobenzene	14.32	180	52688	4.635 ug/L	99

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

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