Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060420\
Data File : VU038560.D
Acq On : 04 Jun 2020 19:56
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00510

Quant Time: Jun 05 01:23:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 05 01:11:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	316588	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	308515	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	158064	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	101729	4.97	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.40%			
7) Chloroethane-d5	1.93	69	81316	5.16	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 103.20%			
11) 1,1-Dichloroethene-d2	2.59	63	198156	4.91	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 98.20%			
20) 2-Butanone-d5	4.68	46	321877	51.71	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.42%			
24) Chloroform-d	5.10	84	198065	5.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.00%			
26) 1,2-Dichloroethane-d4	5.74	65	112037	5.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.60%			
32) Benzene-d6	5.76	84	396937	5.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.00%			
36) 1,2-Dichloropropane-d6	6.72	67	118770	5.01	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.20%			
41) Toluene-d8	7.92	98	349492	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.20%			
43) trans-1,3-Dichloropropene-	8.20	79	50309	4.94	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.80%			
46) 2-Hexanone-d5	8.66	63	263793	52.44	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.88%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	102031	5.07	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.40%			
64) 1,2-Dichlorobenzene-d4	12.20	152	134906	4.95	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	102426	4.105	ug/L	99
3) Chloromethane	1.53	50	87075	3.800	ug/L	98
5) Vinyl chloride	1.62	62	98953	4.030	ug/L	99
6) Bromomethane	1.87	94	47379	3.975	ug/L	99
8) Chloroethane	1.95	64	61107	4.154	ug/L	96
9) Trichlorofluoromethane	2.16	101	144109	4.425	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	85551	4.460	ug/L	99
12) 1,1-Dichloroethene	2.60	96	85197	4.370	ug/L	93
13) Acetone	2.68	43	195859	48.081	ug/L	98
14) Carbon disulfide	2.82	76	236884	3.581	ug/L	99
15) Methyl Acetate	2.99	43	47211	4.731	ug/L	98
16) Methylene chloride	3.08	84	102058	4.626	ug/L	100
17) Methyl tert-butyl Ether	3.40	73	254138	4.971	ug/L	100
18) trans-1,2-Dichloroethene	3.39	96	91065	4.334	ug/L	94
19) 1,1-Dichloroethane	3.91	63	175728	4.673	ug/L	97
21) 2-Butanone	4.76	43	329336	48.067	ug/L	93
22) cis-1,2-Dichloroethene	4.71	96	104436	4.616	ug/L	96

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ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00510

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 05 01:11:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	5.01	128	48072	4.721 ug/L	97
25) Chloroform	5.12	83	184640	4.834 ug/L	100
27) 1,2-Dichloroethane	5.83	62	128952	4.795 ug/L	98
29) 1,1,1-Trichloroethane	5.35	97	153433	4.700 ug/L	99
30) Cyclohexane	5.42	56	133538	3.901 ug/L	99
31) Carbon tetrachloride	5.56	117	122946	4.524 ug/L	99
33) Benzene	5.81	78	387197	4.501 ug/L	100
34) Trichloroethene	6.57	95	98678	4.419 ug/L	99
35) Methylcyclohexane	6.79	83	131638	3.808 ug/L	99
37) 1,2-Dichloropropane	6.82	63	103094	4.762 ug/L	100
38) Bromodichloromethane	7.13	83	131332	4.885 ug/L	99
39) cis-1,3-Dichloropropene	7.63	75	151142	4.724 ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	744677	48.099 ug/L	99
42) Toluene	7.99	91	407870	4.520 ug/L	98
44) trans-1,3-Dichloropropene	8.23	75	134101	4.746 ug/L	97
45) 1,1,2-Trichloroethane	8.42	97	79492	4.867 ug/L	95
47) Tetrachloroethene	8.57	164	69615	4.291 ug/L	97
48) 2-Hexanone	8.71	43	561038	47.850 ug/L	99
49) Dibromochloromethane	8.83	129	89520	5.078 ug/L	100
50) 1,2-Dibromoethane	8.94	107	76062	4.864 ug/L	98
51) Chlorobenzene	9.47	112	266570	4.581 ug/L	98
52) Ethylbenzene	9.59	91	446032	4.443 ug/L	99
53) m,p-Xylene	9.71	106	174535	4.520 ug/L	99
54) o-Xylene	10.11	106	172831	4.663 ug/L	94
55) Styrene	10.13	104	292839	4.655 ug/L	98
56) Isopropylbenzene	10.50	105	435637	4.466 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	99986	4.817 ug/L	98
59) 1,2,3-Trichloropropane	10.84	75	77156	4.775 ug/L	98
61) Bromoform	10.31	173	48664	4.942 ug/L	100
62) 1,3-Dichlorobenzene	11.76	146	210137	4.525 ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	214386	4.552 ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	209087	4.741 ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.01	75	16820	4.711 ug/L	97
67) 1,3,5-Trichlorobenzene	13.24	180	155361	4.484 ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	144757	4.514 ug/L	99
69) Naphthalene	14.11	128	309286	4.846 ug/L	98
70) 1,2,3-Trichlorobenzene	14.36	180	140019	4.798 ug/L	96

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

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