Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060420\
Data File : VU038537.D
Acq On : 04 Jun 2020 00:21
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00508

Quant Time: Jun 04 01:52:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 04 01:48:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	307923	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	303662	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	152187	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	72389	3.63	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 72.60%			
7) Chloroethane-d5	1.93	69	64591	4.22	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.40%			
11) 1,1-Dichloroethene-d2	2.59	63	155661	3.97	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 79.40%			
20) 2-Butanone-d5	4.68	46	313265	51.74	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.48%			
24) Chloroform-d	5.10	84	175085	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.60%			
26) 1,2-Dichloroethane-d4	5.74	65	101355	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.40%			
32) Benzene-d6	5.76	84	329810	4.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.00%			
36) 1,2-Dichloropropane-d6	6.72	67	103184	4.43	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.60%			
41) Toluene-d8	7.92	98	285714	4.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.00%			
43) trans-1,3-Dichloropropene-	8.20	79	44701	4.46	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.20%			
46) 2-Hexanone-d5	8.65	63	263290	53.18	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.36%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	97071	4.90	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.00%			
64) 1,2-Dichlorobenzene-d4	12.20	152	115303	4.39	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 87.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	95017	3.915	ug/L	98
3) Chloromethane	1.53	50	84350	3.785	ug/L	99
5) Vinyl chloride	1.62	62	94071	3.939	ug/L	100
6) Bromomethane	1.87	94	37362	3.223	ug/L	96
8) Chloroethane	1.95	64	59621	4.167	ug/L	97
9) Trichlorofluoromethane	2.16	101	133761	4.222	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	76608	4.106	ug/L	98
12) 1,1-Dichloroethene	2.60	96	78267	4.127	ug/L	98
13) Acetone	2.68	43	192497	48.586	ug/L	97
14) Carbon disulfide	2.82	76	219364	3.409	ug/L	99
15) Methyl Acetate	2.99	43	45588	4.697	ug/L	95
16) Methylene chloride	3.08	84	96485	4.496	ug/L	98
17) Methyl tert-butyl Ether	3.40	73	237161	4.770	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	85593	4.188	ug/L	93
19) 1,1-Dichloroethane	3.91	63	167679	4.585	ug/L	98
21) 2-Butanone	4.76	43	327281	49.112	ug/L	94
22) cis-1,2-Dichloroethene	4.71	96	96361	4.379	ug/L	97

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 04 01:48:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	5.02	128	44490	4.492 ug/L	93
25) Chloroform	5.13	83	177107	4.767 ug/L	100
27) 1,2-Dichloroethane	5.83	62	124057	4.743 ug/L	100
29) 1,1,1-Trichloroethane	5.35	97	142822	4.445 ug/L	98
30) Cyclohexane	5.42	56	119506	3.547 ug/L	99
31) Carbon tetrachloride	5.56	117	113457	4.241 ug/L	99
33) Benzene	5.81	78	364584	4.306 ug/L	100
34) Trichloroethene	6.57	95	89981	4.094 ug/L	99
35) Methylcyclohexane	6.79	83	125531	3.689 ug/L	96
37) 1,2-Dichloropropane	6.82	63	96227	4.516 ug/L	100
38) Bromodichloromethane	7.13	83	127493	4.818 ug/L	99
39) cis-1,3-Dichloropropene	7.63	75	136384	4.331 ug/L	100
40) 4-Methyl-2-pentanone	7.82	43	716649	47.029 ug/L	100
42) Toluene	7.99	91	376846	4.243 ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	123541	4.442 ug/L	97
45) 1,1,2-Trichloroethane	8.42	97	77221	4.804 ug/L	96
47) Tetrachloroethene	8.57	164	64757	4.055 ug/L	97
48) 2-Hexanone	8.71	43	548925	47.565 ug/L	99
49) Dibromochloromethane	8.83	129	83716	4.825 ug/L	98
50) 1,2-Dibromoethane	8.94	107	71657	4.655 ug/L	96
51) Chlorobenzene	9.47	112	244121	4.262 ug/L	99
52) Ethylbenzene	9.59	91	396929	4.017 ug/L	99
53) m,p-Xylene	9.71	106	154134	4.056 ug/L	94
54) o-Xylene	10.12	106	155159	4.253 ug/L	94
55) Styrene	10.13	104	269335	4.349 ug/L	99
56) Isopropylbenzene	10.50	105	386894	4.029 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	93653	4.584 ug/L	96
59) 1,2,3-Trichloropropane	10.84	75	74463	4.682 ug/L	98
61) Bromoform	10.31	173	45818	4.833 ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	193797	4.334 ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	197924	4.365 ug/L	98
65) 1,2-Dichlorobenzene	12.22	146	191381	4.507 ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.01	75	17223	5.010 ug/L	93
67) 1,3,5-Trichlorobenzene	13.24	180	142352	4.267 ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	130095	4.213 ug/L	99
69) Naphthalene	14.11	128	271861	4.424 ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	125570	4.469 ug/L	96

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

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