Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053020\
Data File : VV016373.D
Acq On : 30 May 2020 20:37
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00544

Quant Time: Jun 01 05:18:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 01 05:08:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	91384	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	86364	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	43093	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	32252	4.03	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 80.60%			
7) Chloroethane-d5	1.58	69	24747	4.07	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 81.40%			
11) 1,1-Dichloroethene-d2	2.12	63	59072	4.22	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 84.40%			
20) 2-Butanone-d5	3.97	46	53098	30.76	ug/L	0.04
Spiked Amount 50.000	Range 40 - 130		Recovery = 61.52%			
24) Chloroform-d	4.37	84	60800	4.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.80%			
26) 1,2-Dichloroethane-d4	5.06	65	31552	4.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.60%			
32) Benzene-d6	5.07	84	116763	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.20%			
36) 1,2-Dichloropropane-d6	6.10	67	34441	4.55	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.00%			
41) Toluene-d8	7.34	98	107408	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.80%			
45) trans-1,3-Dichloropropene-	7.65	79	13150	4.81	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.20%			
48) 2-Hexanone-d5	8.12	63	57577	45.28	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.56%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	25367	4.74	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.80%			
65) 1,2-Dichlorobenzene-d4	11.65	152	35551	4.44	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	34023	4.567	ug/L	100
3) Chloromethane	1.25	50	35015	3.838	ug/L	98
5) Vinyl chloride	1.32	62	33646	4.127	ug/L	100
6) Bromomethane	1.53	94	11707	2.556	ug/L	99
8) Chloroethane	1.59	64	19387	3.947	ug/L	97
9) Trichlorofluoromethane	1.76	101	48390	4.383	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	25504	4.121	ug/L	99
12) 1,1-Dichloroethene	2.13	96	24107	4.099	ug/L	78
13) Acetone	2.24	43	21188	18.248	ug/L	61
14) Carbon disulfide	2.31	76	74126	4.145	ug/L	98
15) Methyl Acetate	2.46	43	8565	2.940	ug/L	96
16) Methylene chloride	2.52	84	25568	4.064	ug/L	98
17) Methyl tert-butyl Ether	2.79	73	59805	4.341	ug/L	99
18) trans-1,2-Dichloroethene	2.77	96	25943	4.156	ug/L	94
19) 1,1-Dichloroethane	3.21	63	50056	4.065	ug/L	95
21) 2-Butanone	4.05	43	45654	26.664	ug/L	96
22) cis-1,2-Dichloroethene	3.93	96	32707	4.747	ug/L	100

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Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 01 05:08:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.27	128	12667	4.711 ug/L	92
25) Chloroform	4.40	83	56427	4.572 ug/L	98
27) 1,2-Dichloroethane	5.16	62	36573	4.493 ug/L	99
29) 1,1,1-Trichloroethane	4.63	97	49361	4.848 ug/L	100
30) Cyclohexane	4.69	56	55212	5.037 ug/L	99
31) Carbon tetrachloride	4.85	117	40486	4.619 ug/L	95
33) Benzene	5.12	78	122547	4.791 ug/L	100
34) Trichloroethene	5.94	95	31502	4.699 ug/L	92
35) Methylcyclohexane	6.15	83	52634	4.874 ug/L	98
37) 1,2-Dichloropropane	6.20	63	30783	4.761 ug/L	99
38) Bromodichloromethane	6.53	83	35561	4.573 ug/L	95
39) cis-1,3-Dichloropropene	7.05	75	41287	4.834 ug/L	99
40) 4-Methyl-2-pentanone	7.26	43	185595	47.531 ug/L	98
42) Toluene	7.41	91	132626	4.880 ug/L	99
43) 1,3,5-Trimethylbenzene	10.56	105	120172	4.984 ug/L	99
44) 1,2,4-Trimethylbenzene	10.94	105	124957	5.087 ug/L	99
46) trans-1,3-Dichloropropene	7.68	75	34532	4.894 ug/L	94
47) 1,1,2-Trichloroethane	7.86	97	19712	4.766 ug/L	96
49) Tetrachloroethene	7.99	164	22848	4.646 ug/L	99
50) 2-Hexanone	8.17	43	125484	46.075 ug/L	99
51) Dibromochloromethane	8.27	129	20947	4.845 ug/L	96
52) 1,2-Dibromoethane	8.38	107	18907	4.837 ug/L	96
53) Chlorobenzene	8.90	112	82357	4.827 ug/L	98
54) Ethylbenzene	9.03	91	148573	4.956 ug/L	99
55) m,p-xylene	9.16	106	56561	5.041 ug/L	97
56) o-xylene	9.56	106	53244	5.038 ug/L	100
57) Styrene	9.58	104	91553	5.074 ug/L	100
58) Isopropylbenzene	9.95	105	146175	5.076 ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.26	83	23321	4.471 ug/L	96
62) Bromoform	9.75	173	8388	4.609 ug/L	99
63) 1,3-Dichlorobenzene	11.20	146	62868	4.736 ug/L	99
64) 1,4-Dichlorobenzene	11.30	146	64075	4.669 ug/L	99
66) 1,2-Dichlorobenzene	11.67	146	56922	4.607 ug/L	99
67) 1,2-Dibromo-3-chloropropan	12.45	75	3670	4.557 ug/L	91
68) 1,3,5-Trichlorobenzene	12.67	180	42950	4.494 ug/L	100
69) 1,2,4-trichlorobenzene	13.29	180	36731	4.477 ug/L	98
70) Naphthalene	13.53	128	97289	4.951 ug/L	99
71) 1,2,3-Trichlorobenzene	13.77	180	32534	4.444 ug/L	99

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

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