Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053120\
Data File : VV016375.D
Acq On : 31 May 2020 09:16
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Jun 01 07:13:35 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	79690	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	77811	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	38326	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	32435	4.65	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.00%			
7) Chloroethane-d5	1.58	69	24044	4.53	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.60%			
11) 1,1-Dichloroethene-d2	2.12	63	57169	4.69	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.80%			
20) 2-Butanone-d5	3.96	46	73321	48.71	ug/L	0.04
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.42%			
24) Chloroform-d	4.38	84	58331	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.80%			
26) 1,2-Dichloroethane-d4	5.06	65	31149	5.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.40%			
32) Benzene-d6	5.07	84	109629	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.20%			
36) 1,2-Dichloropropane-d6	6.10	67	33586	4.92	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.40%			
41) Toluene-d8	7.33	98	102438	5.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.40%			
45) trans-1,3-Dichloropropene-	7.65	79	11688	4.74	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.80%			
48) 2-Hexanone-d5	8.12	63	58358	50.94	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.88%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	24454	5.07	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.40%			
65) 1,2-Dichlorobenzene-d4	11.65	152	33924	4.77	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	32547	5.010	ug/L	97
3) Chloromethane	1.25	50	36005	4.526	ug/L	97
5) Vinyl chloride	1.32	62	33922	4.772	ug/L	99
6) Bromomethane	1.53	94	15919	3.986	ug/L	94
8) Chloroethane	1.60	64	19941	4.656	ug/L	99
9) Trichlorofluoromethane	1.77	101	47682	4.953	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	25020	4.636	ug/L	99
12) 1,1-Dichloroethene	2.13	96	24588	4.794	ug/L	92
13) Acetone	2.26	43	37713m	37.246	ug/L	
14) Carbon disulfide	2.31	76	73020	4.682	ug/L	98
15) Methyl Acetate	2.47	43	10945	4.308	ug/L	93
16) Methylene chloride	2.52	84	26020	4.743	ug/L	99
17) Methyl tert-butyl Ether	2.79	73	61951	5.157	ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	26266	4.825	ug/L	96
19) 1,1-Dichloroethane	3.21	63	48876	4.551	ug/L	99
21) 2-Butanone	4.04	43	74902	50.166	ug/L	99
22) cis-1,2-Dichloroethene	3.93	96	31274	5.205	ug/L	98

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Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Jun 01 07:13:35 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)
23) Bromochloromethane	4.27	128	12986	5.538	ug/L		96
25) Chloroform	4.40	83	55487	5.156	ug/L		96
27) 1,2-Dichloroethane	5.16	62	37719	5.314	ug/L		100
29) 1,1,1-Trichloroethane	4.63	97	48137	5.248	ug/L		98
30) Cyclohexane	4.69	56	49537	5.016	ug/L		99
31) Carbon tetrachloride	4.85	117	40885	5.177	ug/L		100
33) Benzene	5.12	78	118483	5.142	ug/L		100
34) Trichloroethene	5.94	95	30863	5.109	ug/L		96
35) Methylcyclohexane	6.15	83	47916	4.925	ug/L		98
37) 1,2-Dichloropropane	6.20	63	29400	5.047	ug/L		100
38) Bromodichloromethane	6.53	83	35698	5.096	ug/L		98
39) cis-1,3-Dichloropropene	7.05	75	38308	4.978	ug/L		99
40) 4-Methyl-2-pentanone	7.26	43	189690	53.920	ug/L		100
42) Toluene	7.41	91	127198	5.194	ug/L		99
43) 1,3,5-Trimethylbenzene	10.56	105	111167	5.118	ug/L		98
44) 1,2,4-Trimethylbenzene	10.94	105	116317	5.256	ug/L		99
46) trans-1,3-Dichloropropene	7.67	75	31599	4.971	ug/L		98
47) 1,1,2-Trichloroethane	7.86	97	19268	5.171	ug/L		98
49) Tetrachloroethene	7.99	164	22195	5.010	ug/L		97
50) 2-Hexanone	8.17	43	135299	55.139	ug/L		100
51) Dibromochloromethane	8.27	129	19850	5.096	ug/L		99
52) 1,2-Dibromoethane	8.38	107	18604	5.283	ug/L	#	100
53) Chlorobenzene	8.90	112	78213	5.088	ug/L		98
54) Ethylbenzene	9.03	91	141452	5.237	ug/L		100
55) m,p-xylene	9.16	106	52421	5.185	ug/L		100
56) o-xylene	9.56	106	49940	5.245	ug/L		98
57) Styrene	9.58	104	86539	5.323	ug/L		99
58) Isopropylbenzene	9.95	105	136347	5.255	ug/L		100
60) 1,1,2,2-Tetrachloroethane	10.26	83	23787	5.061	ug/L		98
62) Bromoform	9.75	173	8327	5.144	ug/L		100
63) 1,3-Dichlorobenzene	11.20	146	60600	5.133	ug/L		100
64) 1,4-Dichlorobenzene	11.29	146	60787	4.980	ug/L		100
66) 1,2-Dichlorobenzene	11.67	146	54586	4.967	ug/L		100
67) 1,2-Dibromo-3-chloropropan	12.45	75	3531	4.930	ug/L		89
68) 1,3,5-Trichlorobenzene	12.67	180	41388	4.869	ug/L		99
69) 1,2,4-trichlorobenzene	13.28	180	35089	4.808	ug/L		100
70) Naphthalene	13.53	128	73675	4.216	ug/L		99
71) 1,2,3-Trichlorobenzene	13.77	180	31949	4.907	ug/L		99

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

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