Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060220\
Data File : VV016426.D
Acq On : 02 Jun 2020 13:02
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00550

Quant Time: Jun 02 18:21:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 02 16:49:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	78594	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	77929	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	37643	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	27631	4.02	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 80.40%			
7) Chloroethane-d5	1.58	69	23776	4.55	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.00%			
11) 1,1-Dichloroethene-d2	2.13	63	55318	4.60	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 92.00%			
20) 2-Butanone-d5	3.94	46	85214	57.40	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 114.80%			
24) Chloroform-d	4.37	84	53565	4.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.00%			
26) 1,2-Dichloroethane-d4	5.06	65	31726	5.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.80%			
32) Benzene-d6	5.07	84	111689	5.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.80%			
36) 1,2-Dichloropropane-d6	6.09	67	35581	5.21	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.20%			
41) Toluene-d8	7.34	98	101016	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.80%			
45) trans-1,3-Dichloropropene-	7.64	79	12555	5.09	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 101.80%			
48) 2-Hexanone-d5	8.11	63	65998	57.52	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 115.04%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	26412	5.47	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 109.40%			
65) 1,2-Dichlorobenzene-d4	11.65	152	33894	4.85	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	36101	5.635	ug/L	99
3) Chloromethane	1.25	50	38647	4.926	ug/L	97
5) Vinyl chloride	1.32	62	37723	5.381	ug/L	99
6) Bromomethane	1.53	94	17162	4.357	ug/L	97
8) Chloroethane	1.60	64	22433	5.311	ug/L	95
9) Trichlorofluoromethane	1.77	101	53957	5.682	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	29366	5.517	ug/L	98
12) 1,1-Dichloroethene	2.14	96	27774	5.491	ug/L	96
13) Acetone	2.22	43	47543	47.609	ug/L	99
14) Carbon disulfide	2.31	76	80194	5.213	ug/L	98
15) Methyl Acetate	2.46	43	11832	4.722	ug/L	97
16) Methylene chloride	2.52	84	29001	5.360	ug/L	99
17) Methyl tert-butyl Ether	2.79	73	67183	5.671	ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	28769	5.358	ug/L	96
19) 1,1-Dichloroethane	3.21	63	58162	5.491	ug/L	98
21) 2-Butanone	4.02	43	87587	59.480	ug/L	95
22) cis-1,2-Dichloroethene	3.94	96	34189	5.769	ug/L	98

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Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00550

Quant Time: Jun 02 18:21:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 02 16:49:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.27	128	14138	6.113 ug/L	92
25) Chloroform	4.40	83	69924	6.588 ug/L	97
27) 1,2-Dichloroethane	5.15	62	39031	5.576 ug/L	97
29) 1,1,1-Trichloroethane	4.63	97	55042	5.991 ug/L	97
30) Cyclohexane	4.70	56	55718	5.634 ug/L	98
31) Carbon tetrachloride	4.85	117	45831	5.795 ug/L	100
33) Benzene	5.12	78	132958	5.761 ug/L	100
34) Trichloroethene	5.94	95	34417	5.689 ug/L	98
35) Methylcyclohexane	6.15	83	54162	5.558 ug/L	99
37) 1,2-Dichloropropane	6.20	63	33456	5.735 ug/L	100
38) Bromodichloromethane	6.53	83	40320	5.747 ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	45274	5.875 ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	210472	59.737 ug/L	100
42) Toluene	7.41	91	140747	5.739 ug/L	99
43) 1,3,5-Trimethylbenzene	10.56	105	124760	5.735 ug/L	99
44) 1,2,4-Trimethylbenzene	10.94	105	130377	5.882 ug/L	99
46) trans-1,3-Dichloropropene	7.67	75	37465	5.885 ug/L	97
47) 1,1,2-Trichloroethane	7.86	97	22053	5.910 ug/L	96
49) Tetrachloroethene	8.00	164	24643	5.554 ug/L	98
50) 2-Hexanone	8.16	43	149414	60.799 ug/L	99
51) Dibromochloromethane	8.27	129	23172	5.939 ug/L	95
52) 1,2-Dibromoethane	8.37	107	20453	5.799 ug/L	100
53) Chlorobenzene	8.90	112	87131	5.659 ug/L	98
54) Ethylbenzene	9.03	91	158863	5.872 ug/L	98
55) m,p-xylene	9.16	106	58740	5.802 ug/L	99
56) o-xylene	9.57	106	55201	5.789 ug/L	99
57) Styrene	9.58	104	97042	5.960 ug/L	99
58) Isopropylbenzene	9.95	105	150527	5.793 ug/L	100
60) 1,1,2,2-Tetrachloroethane	10.26	83	26534	5.637 ug/L	99
62) Bromoform	9.76	173	9653	6.072 ug/L	99
63) 1,3-Dichlorobenzene	11.20	146	67097	5.786 ug/L	98
64) 1,4-Dichlorobenzene	11.30	146	68545	5.718 ug/L	97
66) 1,2-Dichlorobenzene	11.67	146	60551	5.610 ug/L	98
67) 1,2-Dibromo-3-chloropropan	12.45	75	3543	5.036 ug/L	91
68) 1,3,5-Trichlorobenzene	12.67	180	44769	5.362 ug/L	99
69) 1,2,4-trichlorobenzene	13.29	180	32460	4.529 ug/L	98
70) Naphthalene	13.53	128	47516	2.768 ug/L	99
71) 1,2,3-Trichlorobenzene	13.77	180	23141	3.618 ug/L	98

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

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