Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV012820\
Data File : VV014422.D
Acq On : 28 Jan 2020 17:17
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00551

Quant Time: Jan 29 05:28:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jan 29 05:25:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	953922	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	869437	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	415787	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	232079	3.48	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 69.60%			
7) Chloroethane-d5	1.58	69	199034	3.86	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 77.20%			
11) 1,1-Dichloroethene-d2	2.13	63	394313	4.01	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 80.20%			
20) 2-Butanone-d5	3.93	46	744829	46.45	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.90%			
24) Chloroform-d	4.40	84	616737	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.60%			
26) 1,2-Dichloroethane-d4	5.08	65	276214	4.27	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.40%			
32) Benzene-d6	5.09	84	1239216	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.60%			
36) 1,2-Dichloropropane-d6	6.11	67	385894	4.80	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.00%			
41) Toluene-d8	7.35	98	1126459	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.00%			
43) trans-1,3-Dichloropropene-	7.66	79	135437	3.81	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 76.20%			
46) 2-Hexanone-d5	8.13	63	679038	45.07	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.14%			
57) 1,1,2,2-Tetrachloroethane-	10.25	84	257964	4.59	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.80%			
64) 1,2-Dichlorobenzene-d4	11.67	152	365421	4.68	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	330831	4.600	ug/L	100
3) Chloromethane	1.26	50	310418	4.342	ug/L	97
5) Vinyl chloride	1.32	62	303056	4.539	ug/L	97
6) Bromomethane	1.53	94	139456	3.682	ug/L	96
8) Chloroethane	1.60	64	165984	4.425	ug/L	98
9) Trichlorofluoromethane	1.77	101	377790	4.794	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	204800	4.797	ug/L	95
12) 1,1-Dichloroethene	2.14	96	193620	4.543	ug/L	97
13) Acetone	2.19	43	586032	53.076	ug/L	99
14) Carbon disulfide	2.32	76	744917	3.939	ug/L	98
15) Methyl Acetate	2.46	43	100747	3.920	ug/L	97
16) Methylene chloride	2.54	84	339522	4.894	ug/L	95
17) Methyl tert-butyl Ether	2.80	73	626995	3.975	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	284296	4.438	ug/L	96
19) 1,1-Dichloroethane	3.23	63	553294	4.407	ug/L	99
21) 2-Butanone	4.01	43	806513	48.696	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	323814	4.611	ug/L #	97

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jan 29 05:25:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.29	128	118724	4.447 ug/L	92
25) Chloroform	4.42	83	551037	4.584 ug/L	97
27) 1,2-Dichloroethane	5.17	62	294300	4.092 ug/L	96
29) 1,1,1-Trichloroethane	4.65	97	455163	4.398 ug/L	99
30) Cyclohexane	4.72	56	522453	4.572 ug/L	98
31) Carbon tetrachloride	4.87	117	386928	4.366 ug/L	99
33) Benzene	5.14	78	1239492	4.629 ug/L	100
34) Trichloroethene	5.95	95	317202	4.610 ug/L	99
35) Methylcyclohexane	6.17	83	529064	4.703 ug/L	99
37) 1,2-Dichloropropane	6.22	63	305461	4.520 ug/L	99
38) Bromodichloromethane	6.55	83	376165	4.316 ug/L	95
39) cis-1,3-Dichloropropene	7.06	75	448443	4.098 ug/L	99
40) 4-Methyl-2-pentanone	7.26	43	1721851	40.416 ug/L	99
42) Toluene	7.42	91	1306938	4.624 ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	328615	3.911 ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	194155	4.497 ug/L	99
47) Tetrachloroethene	8.01	164	224129	4.768 ug/L	98
48) 2-Hexanone	8.18	43	1411464	47.898 ug/L	99
49) Dibromochloromethane	8.28	129	232351	4.257 ug/L	97
50) 1,2-Dibromoethane	8.39	107	177029	4.234 ug/L	98
51) Chlorobenzene	8.92	112	808832	4.653 ug/L	99
52) Ethylbenzene	9.05	91	1461787	4.623 ug/L	99
53) m,p-xylene	9.18	106	544972	4.672 ug/L	97
54) o-xylene	9.58	106	537852	4.689 ug/L	100
55) Styrene	9.60	104	869477	4.475 ug/L	98
56) Isopropylbenzene	9.97	105	1429290	4.777 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	236529	4.443 ug/L	99
59) 1,2,3-Trichloropropane	10.31	75	167182	4.151 ug/L	100
61) Bromoform	9.77	173	110194	3.910 ug/L	96
62) 1,3-Dichlorobenzene	11.22	146	615612	4.736 ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	612301	4.737 ug/L	100
65) 1,2-Dichlorobenzene	11.68	146	549878	4.684 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	39553	3.666 ug/L	91
67) 1,3,5-Trichlorobenzene	12.69	180	460405	4.871 ug/L	96
68) 1,2,4-trichlorobenzene	13.30	180	374136	4.513 ug/L	99
69) Naphthalene	13.54	128	690855	4.101 ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	323880	4.439 ug/L	97

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

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