Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV012820\
Data File : VV014415.D
Acq On : 28 Jan 2020 11:40
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00550

Quant Time: Jan 29 05:20:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jan 28 14:09:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	957011	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	891641	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	423448	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	264526	3.95	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 79.00%			
7) Chloroethane-d5	1.59	69	208508	4.03	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 80.60%			
11) 1,1-Dichloroethene-d2	2.13	63	397903	4.03	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 80.60%			
20) 2-Butanone-d5	3.92	46	754069	46.88	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.76%			
24) Chloroform-d	4.40	84	588151	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.80%			
26) 1,2-Dichloroethane-d4	5.08	65	281697	4.34	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.80%			
32) Benzene-d6	5.10	84	1259045	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.60%			
36) 1,2-Dichloropropane-d6	6.11	67	393406	4.77	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.40%			
41) Toluene-d8	7.35	98	1161810	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.60%			
43) trans-1,3-Dichloropropene-	7.66	79	149654	4.10	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.00%			
46) 2-Hexanone-d5	8.13	63	671338	43.45	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 86.90%			
57) 1,1,2,2-Tetrachloroethane-	10.25	84	275941	4.78	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.60%			
64) 1,2-Dichlorobenzene-d4	11.67	152	373592	4.70	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	324064	4.491	ug/L	99
3) Chloromethane	1.26	50	342189	4.771	ug/L	99
5) Vinyl chloride	1.33	62	321950	4.807	ug/L	99
6) Bromomethane	1.54	94	214580	5.647	ug/L	96
8) Chloroethane	1.60	64	158385	4.209	ug/L	99
9) Trichlorofluoromethane	1.77	101	378992	4.793	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	201681	4.709	ug/L	99
12) 1,1-Dichloroethene	2.14	96	190323	4.451	ug/L	96
13) Acetone	2.18	43	576781	52.069	ug/L	99
14) Carbon disulfide	2.32	76	733898	3.868	ug/L	100
15) Methyl Acetate	2.46	43	107850	4.182	ug/L	96
16) Methylene chloride	2.54	84	297528	4.275	ug/L	91
17) Methyl tert-butyl Ether	2.80	73	637464	4.029	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	275921	4.293	ug/L	98
19) 1,1-Dichloroethane	3.23	63	556973	4.421	ug/L	97
21) 2-Butanone	4.00	43	873521	52.571	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	321007	4.556	ug/L #	99

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

Instrument : MSVOA_V
ClientSampleId : VSTD00550

Quant Time: Jan 29 05:20:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jan 28 14:09:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.30	128	118724	4.433 ug/L	95
25) Chloroform	4.42	83	571241	4.737 ug/L	98
27) 1,2-Dichloroethane	5.18	62	292814	4.058 ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	458741	4.322 ug/L	100
30) Cyclohexane	4.72	56	518413	4.424 ug/L	98
31) Carbon tetrachloride	4.87	117	382702	4.210 ug/L	99
33) Benzene	5.14	78	1214557	4.423 ug/L	100
34) Trichloroethene	5.95	95	309689	4.389 ug/L	98
35) Methylcyclohexane	6.17	83	519537	4.503 ug/L	96
37) 1,2-Dichloropropane	6.22	63	304966	4.400 ug/L	99
38) Bromodichloromethane	6.55	83	372613	4.169 ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	450341	4.013 ug/L	99
40) 4-Methyl-2-pentanone	7.26	43	1739887	39.822 ug/L	99
42) Toluene	7.43	91	1298491	4.480 ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	346243	4.018 ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	193659	4.374 ug/L	98
47) Tetrachloroethene	8.01	164	218624	4.535 ug/L	100
48) 2-Hexanone	8.18	43	1426758	47.212 ug/L	99
49) Dibromochloromethane	8.29	129	233492	4.171 ug/L	94
50) 1,2-Dibromoethane	8.39	107	179425	4.185 ug/L	97
51) Chlorobenzene	8.92	112	811881	4.554 ug/L	99
52) Ethylbenzene	9.05	91	1478573	4.560 ug/L	99
53) m,p-xylene	9.18	106	543374	4.542 ug/L	99
54) o-xylene	9.58	106	531765	4.520 ug/L	99
55) Styrene	9.60	104	888236	4.457 ug/L	99
56) Isopropylbenzene	9.97	105	1429310	4.658 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	239350	4.384 ug/L	100
59) 1,2,3-Trichloropropane	10.31	75	166760	4.038 ug/L	100
61) Bromoform	9.77	173	112444	3.918 ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	601060	4.540 ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	611424	4.645 ug/L	100
65) 1,2-Dichlorobenzene	11.68	146	542091	4.534 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	38722	3.524 ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	436726	4.537 ug/L	98
68) 1,2,4-trichlorobenzene	13.30	180	355861	4.215 ug/L	99
69) Naphthalene	13.55	128	614697	3.583 ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	297735	4.007 ug/L	99

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

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