Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX093020\
Data File : VX018699.D
Acq On : 30 Sep 2020 15:40
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VSTD00587

Quant Time: Oct 01 02:30:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 01 01:06:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	246836	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	233768	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	117206	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	47501	3.68	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 73.60%			
7) Chloroethane-d5	1.70	69	45541	4.18	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.60%			
11) 1,1-Dichloroethene-d2	2.34	63	122931	4.31	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 86.20%			
20) 2-Butanone-d5	4.55	46	172400	52.34	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.68%			
24) Chloroform-d	5.14	84	140618	4.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.80%			
26) 1,2-Dichloroethane-d4	6.03	65	79232	4.44	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.80%			
32) Benzene-d6	6.04	84	235637	4.37	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.40%			
36) 1,2-Dichloropropane-d6	7.37	67	73331	4.46	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.20%			
41) Toluene-d8	8.70	98	223896	4.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.40%			
45) trans-1,3-Dichloropropene-	8.99	79	32402	4.43	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.60%			
48) 2-Hexanone-d5	9.43	63	141128	53.89	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.78%			
59) 1,1,2,2-Tetrachloroethane-	11.23	84	61838	5.05	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.00%			
65) 1,2-Dichlorobenzene-d4	12.36	152	91348	4.77	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	79167	5.300	ug/L	98
3) Chloromethane	1.31	50	62023	4.861	ug/L	93
5) Vinyl chloride	1.39	62	68885	5.154	ug/L	99
6) Bromomethane	1.64	94	38816	4.858	ug/L	95
8) Chloroethane	1.72	64	39544	5.380	ug/L	97
9) Trichlorofluoromethane	1.92	101	129085	5.576	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	66495	5.233	ug/L	97
12) 1,1-Dichloroethene	2.36	96	63961	5.308	ug/L	84
13) Acetone	2.45	43	108219	59.362	ug/L	93
14) Carbon disulfide	2.55	76	179869	4.909	ug/L	99
15) Methyl Acetate	2.76	43	26254	5.203	ug/L	98
16) Methylene chloride	2.84	84	71162	4.322	ug/L	96
17) Methyl tert-butyl Ether	3.17	73	144306	5.381	ug/L	99
18) trans-1,2-Dichloroethene	3.14	96	61239	5.084	ug/L	92
19) 1,1-Dichloroethane	3.67	63	116004	5.370	ug/L	98
21) 2-Butanone	4.65	43	156840	54.202	ug/L #	59
22) cis-1,2-Dichloroethene	4.56	96	63849	5.080	ug/L	97

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Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VSTD00587

Quant Time: Oct 01 02:30:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 01 01:06:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.98	128	32724	5.430 ug/L	91
25) Chloroform	5.17	83	127068	5.382 ug/L	94
27) 1,2-Dichloroethane	6.16	62	85785	5.744 ug/L #	95
29) 1,1,1-Trichloroethane	5.46	97	126147	5.665 ug/L	100
30) Cyclohexane	5.54	56	93147	5.259 ug/L	97
31) Carbon tetrachloride	5.75	117	115381	5.620 ug/L	99
33) Benzene	6.11	78	243707	5.407 ug/L	100
34) Trichloroethene	7.18	95	67916	5.208 ug/L	97
35) Methylcyclohexane	7.44	83	95294	5.253 ug/L	97
37) 1,2-Dichloropropane	7.49	63	63905	5.314 ug/L	99
38) Bromodichloromethane	7.87	83	88975	5.480 ug/L	99
39) cis-1,3-Dichloropropene	8.42	75	91316	5.354 ug/L	97
40) 4-Methyl-2-pentanone	8.62	43	372915	55.945 ug/L	99
42) Toluene	8.76	91	272407	5.595 ug/L	99
43) 1,3,5-Trimethylbenzene	11.49	105	238406	5.601 ug/L	99
44) 1,2,4-Trimethylbenzene	11.79	105	239831	5.632 ug/L	99
46) trans-1,3-Dichloropropene	9.02	75	83310	5.356 ug/L	97
47) 1,1,2-Trichloroethane	9.20	97	45671	5.292 ug/L	91
49) Tetrachloroethene	9.31	164	58705	5.717 ug/L	94
50) 2-Hexanone	9.48	43	278673	59.065 ug/L	98
51) Dibromochloromethane	9.57	129	60784	5.383 ug/L	100
52) 1,2-Dibromoethane	9.65	107	44476	5.532 ug/L #	97
53) Chlorobenzene	10.12	112	173558	5.397 ug/L	99
54) Ethylbenzene	10.23	91	295655	5.575 ug/L	99
55) m,p-xylene	10.34	106	111190	5.484 ug/L	99
56) o-xylene	10.68	106	107434	5.607 ug/L	85
57) Styrene	10.70	104	183103	5.789 ug/L	99
58) Isopropylbenzene	11.00	105	287591	5.598 ug/L	99
60) 1,1,2,2-Tetrachloroethane	11.25	83	52926	5.430 ug/L #	95
62) Bromoform	10.84	173	36630	5.870 ug/L	91
63) 1,3-Dichlorobenzene	12.01	146	144592	5.675 ug/L	98
64) 1,4-Dichlorobenzene	12.08	146	148457	5.768 ug/L	99
66) 1,2-Dichlorobenzene	12.38	146	134511	5.667 ug/L	95
67) 1,2-Dibromo-3-chloropropan	12.98	75	10522	5.213 ug/L	94
68) 1,3,5-Trichlorobenzene	13.15	180	109681	5.734 ug/L	95
69) 1,2,4-trichlorobenzene	13.63	180	91395	5.829 ug/L	96
70) Naphthalene	13.82	128	151981	5.734 ug/L	98
71) 1,2,3-Trichlorobenzene	14.01	180	82359	5.812 ug/L	98

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

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