Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050520\
Data File : VV015898.D
Acq On : 05 May 2020 13:11
Operator : SY/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: May 06 02:02:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050520WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 05 17:59:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	163426	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	155286	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	78378	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	51425	5.12	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 102.40%			
7) Chloroethane-d5	1.57	69	44305	4.96	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.20%			
11) 1,1-Dichloroethene-d2	2.12	63	99741	4.93	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 98.60%			
20) 2-Butanone-d5	3.96	46	136341	52.32	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.64%			
24) Chloroform-d	4.37	84	104940	5.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.60%			
26) 1,2-Dichloroethane-d4	5.05	65	58364	5.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.20%			
32) Benzene-d6	5.07	84	200604	5.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.20%			
36) 1,2-Dichloropropane-d6	6.09	67	60205	5.07	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.40%			
41) Toluene-d8	7.33	98	193084	5.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.60%			
43) trans-1,3-Dichloropropene-	7.64	79	24490	5.25	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 105.00%			
46) 2-Hexanone-d5	8.11	63	111147	53.84	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.68%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	42713	4.98	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.60%			
64) 1,2-Dichlorobenzene-d4	11.65	152	67356	5.16	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	67768	5.180	ug/L	100
3) Chloromethane	1.24	50	66113	5.072	ug/L	100
5) Vinyl chloride	1.32	62	64638	5.174	ug/L	99
6) Bromomethane	1.53	94	35431	5.120	ug/L	100
8) Chloroethane	1.59	64	38859	5.113	ug/L	94
9) Trichlorofluoromethane	1.76	101	86778	5.160	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	49067	5.116	ug/L	99
12) 1,1-Dichloroethene	2.13	96	45658	4.983	ug/L	94
13) Acetone	2.25	43	80547m	50.199	ug/L	
14) Carbon disulfide	2.30	76	159932	5.353	ug/L	100
15) Methyl Acetate	2.46	43	19395	5.195	ug/L	97
16) Methylene chloride	2.52	84	61111	4.735	ug/L	99
17) Methyl tert-butyl Ether	2.79	73	125923	5.188	ug/L	100
18) trans-1,2-Dichloroethene	2.77	96	54406	5.284	ug/L	99
19) 1,1-Dichloroethane	3.21	63	99809	5.078	ug/L	99
21) 2-Butanone	4.04	43	139716	52.118	ug/L #	69
22) cis-1,2-Dichloroethene	3.93	96	55575	5.180	ug/L	98

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Sample : VSTDICV005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: May 06 02:02:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050520WMA.M
Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.27	128	23124	5.166 ug/L	97
25) Chloroform	4.40	83	104322	4.877 ug/L	98
27) 1,2-Dichloroethane	5.15	62	68515	5.170 ug/L	98
29) 1,1,1-Trichloroethane	4.63	97	91988	5.192 ug/L	99
30) Cyclohexane	4.70	56	96612	5.329 ug/L	98
31) Carbon tetrachloride	4.85	117	79764	5.242 ug/L	98
33) Benzene	5.12	78	216000	5.307 ug/L	100
34) Trichloroethene	5.93	95	58328	5.268 ug/L	97
35) Methylcyclohexane	6.15	83	94841	5.235 ug/L	97
37) 1,2-Dichloropropane	6.20	63	53292	5.237 ug/L	100
38) Bromodichloromethane	6.53	83	67781	5.318 ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	78057	5.452 ug/L	97
40) 4-Methyl-2-pentanone	7.25	43	353790	54.469 ug/L	100
42) Toluene	7.41	91	230298	5.318 ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	66369	5.477 ug/L	96
45) 1,1,2-Trichloroethane	7.86	97	35122	5.121 ug/L	97
47) Tetrachloroethene	7.99	164	43490	5.267 ug/L	99
48) 2-Hexanone	8.16	43	255932	56.454 ug/L	99
49) Dibromochloromethane	8.27	129	40471	5.468 ug/L	96
50) 1,2-Dibromoethane	8.37	107	34609	5.348 ug/L	94
51) Chlorobenzene	8.90	112	144637	5.218 ug/L	98
52) Ethylbenzene	9.03	91	263767	5.352 ug/L	100
53) m,p-xylene	9.16	106	99644	5.402 ug/L	98
54) o-xylene	9.56	106	94501	5.387 ug/L	98
55) Styrene	9.58	104	160083	5.458 ug/L	99
56) Isopropylbenzene	9.95	105	259628	5.381 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	40759	5.159 ug/L	95
59) 1,2,3-Trichloropropane	10.30	75	32823	5.264 ug/L	99
61) Bromoform	9.75	173	18087	5.407 ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	116612	5.267 ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	117348	5.348 ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	107913	5.378 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	7165	5.140 ug/L	91
67) 1,3,5-Trichlorobenzene	12.67	180	87697	5.325 ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	77292	5.580 ug/L	99
69) Naphthalene	13.53	128	134981	5.764 ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	68385	5.511 ug/L	100

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

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