Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040620\
Data File : VV015413.D
Acq On : 06 Apr 2020 15:29
Operator : SY/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Apr 07 02:55:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Apr 07 02:48:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	88161	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.88	117	91612	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	45309	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	34184	5.41	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 108.20%			
7) Chloroethane-d5	1.58	69	30707	5.34	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 106.80%			
11) 1,1-Dichloroethene-d2	2.13	63	74829	5.22	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 104.40%			
20) 2-Butanone-d5	3.99	46	83668	57.69	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 115.38%			
24) Chloroform-d	4.37	84	66728	5.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 109.20%			
26) 1,2-Dichloroethane-d4	5.06	65	28932	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.00%			
32) Benzene-d6	5.06	84	104901	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.20%			
36) 1,2-Dichloropropane-d6	6.10	67	33565	5.24	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.80%			
41) Toluene-d8	7.35	98	111474	5.36	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.20%			
43) trans-1,3-Dichloropropene-	7.66	79	14498	5.40	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 108.00%			
46) 2-Hexanone-d5	8.13	63	64533	56.01	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 112.02%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	27001	5.66	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 113.20%			
64) 1,2-Dichlorobenzene-d4	11.65	152	41548	5.44	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	45003	5.527	ug/L	99
3) Chloromethane	1.25	50	46773	5.476	ug/L	99
5) Vinyl chloride	1.32	62	48793	5.434	ug/L	99
6) Bromomethane	1.54	94	30620	5.290	ug/L	97
8) Chloroethane	1.60	64	28848	5.359	ug/L	98
9) Trichlorofluoromethane	1.77	101	71707	5.456	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	43814	5.289	ug/L	99
12) 1,1-Dichloroethene	2.14	96	40673	5.131	ug/L	98
13) Acetone	2.27	43	51351	52.014	ug/L	65
14) Carbon disulfide	2.31	76	130265	5.213	ug/L	99
15) Methyl Acetate	2.48	43	13195	4.183	ug/L	94
16) Methylene chloride	2.52	84	46811	5.042	ug/L	99
17) Methyl tert-butyl Ether	2.80	73	95909	5.457	ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	42809	5.210	ug/L	98
19) 1,1-Dichloroethane	3.21	63	74192	5.238	ug/L	99
21) 2-Butanone	4.08	43	93313	57.358	ug/L	96
22) cis-1,2-Dichloroethene	3.93	96	43843	5.174	ug/L #	98

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Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Apr 07 02:55:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Apr 07 02:48:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.27	128	19217	5.534	ug/L		93
25) Chloroform	4.40	83	84555	5.169	ug/L		98
27) 1,2-Dichloroethane	5.16	62	36782	5.532	ug/L		99
29) 1,1,1-Trichloroethane	4.62	97	72376	5.106	ug/L		98
30) Cyclohexane	4.68	56	70481	5.226	ug/L		98
31) Carbon tetrachloride	4.84	117	63987	5.220	ug/L		96
33) Benzene	5.11	78	126117	5.171	ug/L		100
34) Trichloroethene	5.93	95	35151	5.177	ug/L		99
35) Methylcyclohexane	6.14	83	59789	4.972	ug/L		91
37) 1,2-Dichloropropane	6.20	63	30267	5.344	ug/L	#	94
38) Bromodichloromethane	6.54	83	40696	5.170	ug/L		97
39) cis-1,3-Dichloropropene	7.06	75	47389	5.285	ug/L		98
40) 4-Methyl-2-pentanone	7.28	43	179919	56.844	ug/L		99
42) Toluene	7.42	91	151411	5.300	ug/L		99
44) trans-1,3-Dichloropropene	7.68	75	41295	5.416	ug/L		98
45) 1,1,2-Trichloroethane	7.87	97	22579	5.231	ug/L		94
47) Tetrachloroethene	8.00	164	24541	4.945	ug/L		94
48) 2-Hexanone	8.18	43	130903	58.037	ug/L		99
49) Dibromochloromethane	8.28	129	26598	5.239	ug/L		97
50) 1,2-Dibromoethane	8.39	107	22064	5.368	ug/L		91
51) Chlorobenzene	8.91	112	97126	5.232	ug/L		99
52) Ethylbenzene	9.04	91	176419	5.351	ug/L		99
53) m,p-xylene	9.16	106	69489	5.425	ug/L		98
54) o-xylene	9.57	106	66045	5.337	ug/L		100
55) Styrene	9.59	104	111770	5.482	ug/L		100
56) Isopropylbenzene	9.95	105	178137	5.369	ug/L		100
58) 1,1,2,2-Tetrachloroethane	10.27	83	27125	5.504	ug/L		97
59) 1,2,3-Trichloropropane	10.30	75	20087	5.431	ug/L		97
61) Bromoform	9.76	173	12293	5.364	ug/L		100
62) 1,3-Dichlorobenzene	11.21	146	76833	5.217	ug/L		99
63) 1,4-Dichlorobenzene	11.30	146	78203	5.276	ug/L		99
65) 1,2-Dichlorobenzene	11.67	146	69596	5.310	ug/L		98
66) 1,2-Dibromo-3-chloropropan	12.45	75	5046	5.403	ug/L		93
67) 1,3,5-Trichlorobenzene	12.67	180	52835	5.203	ug/L		99
68) 1,2,4-trichlorobenzene	13.29	180	46369	5.207	ug/L		100
69) Naphthalene	13.53	128	101144	4.835	ug/L		99
70) 1,2,3-Trichlorobenzene	13.77	180	42239	5.513	ug/L		99

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

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