Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG012916\
Data File : BG020767.D
Acq On : 29 Jan 2016 9:29
Operator : SJ/IZ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02007

Manual Integrations APPROVED
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Quant Time: Jan 29 10:24:16 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG012716.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 27 17:29:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	15244	20.00	ng/ul	0.00
18) Naphthalene-d8	11.11	136	80215	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.90	164	52348	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.63	188	122436	20.00	ng/ul	0.00
78) Chrysene-d12	21.92	240	107066	20.00	ng/ul	0.00
86) Perylene-d12	25.32	264	100642	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.62	96	2673	8.40	ng/uL	0.00
5) Phenol-d5	7.41	99	28975	18.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.60	67	16486	20.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.81	132	22094	18.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.98	113	25627	19.04	ng/ul	0.00
19) Nitrobenzene-d5	9.46	128	9876	20.18	ng/ul	0.00
22) 2-Nitrophenol-d4	10.18	143	7850	18.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.72	165	23168	19.78	ng/ul	0.00
29) 4-Chloroaniline-d4	11.24	131	36626	22.23	ng/ul	0.00
44) Dimethylphthalate-d6	14.29	166	87173	19.49	ng/ul	0.00
47) Acenaphthylene-d8	14.59	160	109772	20.14	ng/ul	0.00
52) 4-Nitrophenol-d4	15.06	143	15498	19.59	ng/ul	0.00
58) Fluorene-d10	15.88	176	77070	19.72	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.98	200	6670	16.50	ng/ul	0.00
71) Anthracene-d10	17.73	188	119267	19.81	ng/ul	0.00
79) Pyrene-d10	20.00	212	118497	20.39	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.09	264	109022	20.21	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.66	88	3261	7.50	ng/uL#	84
4) Benzaldehyde	7.41	77	19524	22.30	ng/ul#	77
6) Phenol	7.44	94	31514	19.05	ng/ul#	86
8) Bis(2-Chloroethyl)ether	7.69	93	25136	20.28	ng/ul	94
10) 2-Chlorophenol	7.84	128	23658	19.43	ng/ul#	89
11) 2-Methylphenol	8.71	108	24932	18.99	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.82	45	28095	20.51	ng/ul	97
14) Acetophenone	9.11	105	41375	19.88	ng/ul#	88
15) N-Nitroso-di-n-propylamine	9.09	70	21210	20.16	ng/ul	93
16) 4-Methylphenol	9.04	108	28135	19.15	ng/ul	98
17) Hexachloroethane	9.38	117	8638	20.23	ng/ul#	76
20) Nitrobenzene	9.50	77	24375	21.46	ng/ul#	84
21) Isophorone	10.02	82	59884	19.98	ng/ul	94
23) 2-Nitrophenol	10.22	139	10267	19.68	ng/ul#	72
24) 2,4-Dimethylphenol	10.26	107	28776	19.90	ng/ul	88
25) Bis(2-Chloroethoxy)methane	10.50	93	38132	20.18	ng/ul#	97
27) 2,4-Dichlorophenol	10.74	162	24283	19.58	ng/ul	97
28) Naphthalene	11.16	128	90667	20.26	ng/ul	98
30) 4-Chloroaniline	11.26	127	38864	22.19	ng/ul	99
31) Hexachlorobutadiene	11.44	225	12270	19.97	ng/ul	95
32) Caprolactam	12.01	113	9993m	19.76	ng/ul	
33) 4-Chloro-3-methylphenol	12.35	107	29338	19.86	ng/ul	89
34) 2-Methylnaphthalene	12.75	142	68549	19.91	ng/ul	96

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35) 1-Methylnaphthalene	12.96	142	65649	19.96	ng/ul#	99
37) 1,2,4,5-Tetrachlorobenzene	13.11	216	29147	19.73	ng/ul#	97
38) Hexachlorocyclopentadiene	13.09	237	13748	17.50	ng/ul#	97
39) 2,4,6-Trichlorophenol	13.33	196	18381	18.80	ng/ul	99
40) 2,4,5-Trichlorophenol	13.41	196	21023	19.34	ng/ul	97
41) 1,1'-Biphenyl	13.74	154	90558	19.85	ng/ul#	98
42) 2-Chloronaphthalene	13.78	162	66959	19.91	ng/ul	98
43) 2-Nitroaniline	13.98	65	14294	22.43	ng/ul#	81
45) Dimethylphthalate	14.34	163	91428	19.59	ng/ul#	99
46) 2,6-Dinitrotoluene	14.46	165	13302	21.44	ng/ul	96
48) Acenaphthylene	14.62	152	121670	20.21	ng/ul	99
49) 3-Nitroaniline	14.79	138	17843	21.21	ng/ul#	89
50) Acenaphthene	14.96	153	84089	20.06	ng/ul	98
51) 2,4-Dinitrophenol	14.99	184	4629	16.83	ng/ul#	44
53) 4-Nitrophenol	15.07	109	8934	20.25	ng/ul#	44
54) Dibenzofuran	15.29	168	108925	19.88	ng/ul	97
55) 2,4-Dinitrotoluene	15.24	165	19432	22.24	ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	15.51	232	17703	18.86	ng/ul#	78
57) Diethylphthalate	15.70	149	98387	19.95	ng/ul	94
59) Fluorene	15.94	166	94990	19.84	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.93	204	40204	19.37	ng/ul#	90
61) 4-Nitroaniline	15.94	138	21924	21.53	ng/ul#	75
64) 4,6-Dinitro-2-methylphenol	16.00	198	7828	16.37	ng/ul	96
65) N-Nitrosodiphenylamine	16.14	169	79868	19.56	ng/ul	96
66) 4-Bromophenyl-phenylether	16.82	248	25511	19.54	ng/ul	95
67) Hexachlorobenzene	16.94	284	28012	19.29	ng/ul#	87
68) Atrazine	17.08	200	26757	19.83	ng/ul	96
69) Pentachlorophenol	17.28	266	14126	16.93	ng/ul	96
70) Phenanthrene	17.68	178	152185	19.79	ng/ul	99
72) Anthracene	17.77	178	153707	19.99	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.70	216	28080	19.32	ng/uL	99
74) Pentachlorobenzene	15.21	250	29311	19.59	ng/uL	98
75) Carbazole	18.03	167	139778	20.49	ng/ul	95
76) Di-n-butylphthalate	18.58	149	163679	20.04	ng/ul	99
77) Fluoranthene	19.67	202	162353	20.55	ng/ul#	80
80) Pyrene	20.03	202	168341	20.80	ng/ul#	75
81) Butylbenzylphthalate	20.90	149	60217	18.95	ng/ul#	96
82) 3,3'-Dichlorobenzidine	21.81	252	45187	19.73	ng/ul#	96
83) Benzo(a)anthracene	21.91	228	137548	19.94	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.80	149	93142	18.93	ng/ul#	95
85) Chrysene	21.98	228	127906	19.97	ng/ul	98
87) Di-n-octyl phthalate	23.08	149	148455	18.27	ng/ul	100
88) Benzo(b)fluoranthene	24.24	252	132181	20.05	ng/ul#	94
89) Benzo(k)fluoranthene	24.31	252	130353	20.18	ng/ul#	93
91) Benzo(a)pyrene	25.16	252	128164	20.32	ng/ul#	92
92) Indeno(1,2,3-cd)pyrene	29.21	276	148394m	20.12	ng/ul	
93) Dibenzo(a,h)anthracene	29.30	278	121413	19.93	ng/ul#	90
94) Benzo(g,h,i)perylene	30.44	276	120585	19.92	ng/ul#	84

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

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