Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011216\
Data File : BG020672.D
Acq On : 12 Jan 2016 9:32
Operator : SJ/IZ
Sample : SSTD00515
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD00515

Manual Integrations APPROVED
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1/13/2016 3:30:40 PM

Quant Time: Jan 12 13:32:11 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 12 12:46:25 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	15659	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	65527	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	46245	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	126321	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	157458	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	145972	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	617	4.63	ng/uL	0.00
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	7.58	132	4636	4.25	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	9.22	128	2105	3.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	2558	4.16	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.49	165	4702	3.95	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	14.08	166	19858	4.82	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	21867	4.72	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.68	176	17807	4.86	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.53	188	30700	4.87	ng/ul	0.00
79) Pyrene-d10	19.82	212	37273	4.88	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	36512	4.61	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	770	4.78	ng/uL	92
10) 2-Chlorophenol	7.61	128	4998	4.40	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.85	70	4333	4.43	ng/ul	91
17) Hexachloroethane	9.12	117	2189	4.51	ng/ul#	82
20) Nitrobenzene	9.26	77	6118	4.41	ng/ul	92
21) Isophorone	9.78	82	12265	4.56	ng/ul	98
23) 2-Nitrophenol	9.98	139	3009	4.41	ng/ul#	84
24) 2,4-Dimethylphenol	10.03	107	6278	4.36	ng/ul#	92
25) Bis(2-Chloroethoxy)methane	10.26	93	6905	4.59	ng/ul	99
27) 2,4-Dichlorophenol	10.52	162	5321	4.26	ng/ul	97
28) Naphthalene	10.91	128	17891	4.72	ng/ul	95
31) Hexachlorobutadiene	11.19	225	5055	4.80	ng/ul	94
33) 4-Chloro-3-methylphenol	12.15	107	5333	3.88	ng/ul	97
34) 2-Methylnaphthalene	12.51	142	13444	4.78	ng/ul	89
35) 1-Methylnaphthalene	12.73	142	12263	4.59	ng/ul#	97
37) 1,2,4,5-Tetrachlorobenzene	12.88	216	9482	5.00	ng/ul	97
39) 2,4,6-Trichlorophenol	13.13	196	4506	4.28	ng/ul	98
40) 2,4,5-Trichlorophenol	13.21	196	5162	4.51	ng/ul	96
41) 1,1'-Biphenyl	13.51	154	18363	4.91	ng/ul	93
42) 2-Chloronaphthalene	13.57	162	14760	4.83	ng/ul	96
43) 2-Nitroaniline	13.78	65	3670	4.09	ng/ul	96
45) Dimethylphthalate	14.13	163	21838	4.92	ng/ul	99
46) 2,6-Dinitrotoluene	14.26	165	3758	4.31	ng/ul	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) Acenaphthylene	14.41	152	22810	4.65	ng/ul	97
50) Acenaphthene	14.75	153	16037	4.76	ng/ul	96
54) Dibenzofuran	15.08	168	24158	4.74	ng/ul	95
55) 2,4-Dinitrotoluene	15.05	165	5549	4.17	ng/ul#	80
56) 2,3,4,6-Tetrachlorophenol	15.32	232	4183	4.06	ng/ul	98
57) Diethylphthalate	15.49	149	21941	4.87	ng/ul	99
59) Fluorene	15.73	166	20217	4.88	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.72	204	11471	4.77	ng/ul	92
65) N-Nitrosodiphenylamine	15.93	169	17370	4.65	ng/ul	98
66) 4-Bromophenyl-phenylether	16.61	248	7851	4.90	ng/ul	95
67) Hexachlorobenzene	16.74	284	8668	4.87	ng/ul	96
70) Phenanthrene	17.47	178	38078	4.98	ng/ul	98
72) Anthracene	17.57	178	38541	4.99	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.48	216	8679	4.75	ng/uL	92
74) Pentachlorobenzene	15.01	250	9092	4.77	ng/uL	92
76) Di-n-butylphthalate	18.38	149	36491	4.64	ng/ul	98
80) Pyrene	19.84	202	49776	4.84	ng/ul#	95
81) Butylbenzylphthalate	20.72	149	15691	4.60	ng/ul	93
83) Benzo(a)anthracene	21.69	228	48251	4.81	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	23283	4.61	ng/ul	99
85) Chrysene	21.75	228	47402	5.03	ng/ul	98
88) Benzo(b)fluoranthene	23.92	252	46300	4.95	ng/ul	98
89) Benzo(k)fluoranthene	23.98	252	45208m	4.77	ng/ul	
91) Benzo(a)pyrene	24.80	252	43712	4.74	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.68	276	50519	5.67	ng/ul	96
93) Dibenzo(a,h)anthracene	28.73	278	41498	4.65	ng/ul	98
94) Benzo(g,h,i)perylene	29.83	276	41898m	4.70	ng/ul	

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

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