Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011316\
Data File : BG020727.D
Acq On : 14 Jan 2016 8:42
Operator : SJ/IZ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02027

Manual Integrations APPROVED
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1/14/2016 5:57:54 PM

Quant Time: Jan 14 12:38:57 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 13 07:56:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	17336	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	72483	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	50116	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	131827	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	158294	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	149368	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	2641	7.44	ng/uL	0.00
5) Phenol-d5	7.20	99	28972	19.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	17598	19.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	23344	20.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	24019	19.17	ng/ul	0.00
19) Nitrobenzene-d5	9.21	128	12094	21.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	14036	21.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	27202	21.50	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	25014	19.98	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	83378	19.07	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	101552	20.68	ng/ul	0.00
52) 4-Nitrophenol-d4	14.89	143	12657	21.55	ng/ul	0.00
58) Fluorene-d10	15.67	176	80069	20.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	14619	20.39	ng/ul	0.00
71) Anthracene-d10	17.53	188	131478	20.35	ng/ul	0.00
79) Pyrene-d10	19.81	212	153263	20.35	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	160833	20.20	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	3121	7.28	ng/uL	91
4) Benzaldehyde	7.18	77	20565	20.23	ng/ul	97
6) Phenol	7.23	94	30431	19.05	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.46	93	22951	19.52	ng/ul	96
10) 2-Chlorophenol	7.60	128	24574	20.11	ng/ul	99
11) 2-Methylphenol	8.49	108	23696	19.26	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.58	45	29434	19.33	ng/ul	98
14) Acetophenone	8.87	105	40402	19.54	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.85	70	20050	19.12	ng/ul	94
16) 4-Methylphenol	8.82	108	26189	19.20	ng/ul	100
17) Hexachloroethane	9.13	117	10146	19.54	ng/ul	86
20) Nitrobenzene	9.26	77	30278	20.36	ng/ul	94
21) Isophorone	9.78	82	55037	18.93	ng/ul	98
23) 2-Nitrophenol	9.97	139	14977	20.31	ng/ul	98
24) 2,4-Dimethylphenol	10.02	107	30799	19.88	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.26	93	31499	19.35	ng/ul	96
27) 2,4-Dichlorophenol	10.51	162	26978	20.10	ng/ul	97
28) Naphthalene	10.91	128	82480	20.14	ng/ul	99
30) 4-Chloroaniline	11.02	127	27258	20.26	ng/ul	91
31) Hexachlorobutadiene	11.19	225	22402	19.64	ng/ul	96
32) Caprolactam	11.77	113	8508	18.58	ng/ul	94
33) 4-Chloro-3-methylphenol	12.14	107	28942	19.97	ng/ul	94
34) 2-Methylnaphthalene	12.51	142	60462	19.79	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.73	142	57340	19.89	ng/ul#	98
37) 1,2,4,5-Tetrachlorobenzene	12.88	216	43543	21.25	ng/ul	96
38) Hexachlorocyclopentadiene	12.85	237	1090	2.47	ng/ul#	85
39) 2,4,6-Trichlorophenol	13.12	196	24103	21.56	ng/ul	98
40) 2,4,5-Trichlorophenol	13.20	196	25827	21.05	ng/ul	99
41) 1,1'-Biphenyl	13.51	154	82011	20.45	ng/ul	99
42) 2-Chloronaphthalene	13.56	162	68313	20.92	ng/ul	99
43) 2-Nitroaniline	13.77	65	19775	21.05	ng/ul	89
45) Dimethylphthalate	14.13	163	87493	18.62	ng/ul	99
46) 2,6-Dinitrotoluene	14.26	165	18851	20.48	ng/ul	99
48) Acenaphthylene	14.41	152	108090	20.85	ng/ul	99
49) 3-Nitroaniline	14.59	138	17331	21.25	ng/ul	98
50) Acenaphthene	14.75	153	73271	20.48	ng/ul	98
51) 2,4-Dinitrophenol	14.82	184	5522	23.12	ng/ul	98
53) 4-Nitrophenol	14.91	109	11331	20.90	ng/ul	95
54) Dibenzofuran	15.08	168	112121	20.82	ng/ul	99
55) 2,4-Dinitrotoluene	15.05	165	29008	20.96	ng/ul#	97
56) 2,3,4,6-Tetrachlorophenol	15.31	232	22772	20.84	ng/ul#	95
57) Diethylphthalate	15.49	149	91553	19.19	ng/ul	99
59) Fluorene	15.73	166	88791	20.22	ng/ul	94
60) 4-Chlorophenyl-phenylether	15.72	204	51263	20.10	ng/ul	99
61) 4-Nitroaniline	15.76	138	19848	21.02	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.82	198	15922	20.65	ng/ul	96
65) N-Nitrosodiphenylamine	15.93	169	78813	20.64	ng/ul	100
66) 4-Bromophenyl-phenylether	16.61	248	34643	20.78	ng/ul	96
67) Hexachlorobenzene	16.73	284	37913	20.52	ng/ul	98
68) Atrazine	16.87	200	33895	20.01	ng/ul	99
69) Pentachlorophenol	17.09	266	10286	20.39	ng/ul	97
70) Phenanthrene	17.47	178	158367	20.19	ng/ul	99
72) Anthracene	17.56	178	159476	20.14	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.48	216	40295	21.25	ng/uL	96
74) Pentachlorobenzene	15.00	250	41705	21.12	ng/uL	99
75) Carbazole	17.83	167	137541	21.20	ng/ul	98
76) Di-n-butylphthalate	18.37	149	160359	20.20	ng/ul	100
77) Fluoranthene	19.48	202	197061	20.67	ng/ul	98
80) Pyrene	19.84	202	202150	20.14	ng/ul	98
81) Butylbenzylphthalate	20.71	149	71575	21.22	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.59	252	67559	21.63	ng/ul	99
83) Benzo(a)anthracene	21.69	228	202422	20.50	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.56	149	101929	20.49	ng/ul	99
85) Chrysene	21.75	228	191074	20.46	ng/ul	99
87) Di-n-octyl phthalate	22.78	149	178167	21.06	ng/ul	100
88) Benzo(b)fluoranthene	23.92	252	193116	20.07	ng/ul	99
89) Benzo(k)fluoranthene	23.98	252	188061	19.79	ng/ul	99
91) Benzo(a)pyrene	24.81	252	186616	20.15	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.67	276	222668m	20.38	ng/ul	
93) Dibenzo(a,h)anthracene	28.72	278	185405	20.61	ng/ul	99
94) Benzo(g,h,i)perylene	29.84	276	178419	19.80	ng/ul	98

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

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