Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG112215\
Data File : BG019792.D
Acq On : 22 Nov 2015 20:54
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02011

Manual Integrations APPROVED
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11/23/2015 7:14:08 PM

Quant Time: Nov 23 04:10:09 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 01:15:23 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	20443	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	90440	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.75	164	77398	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.50	188	222563	20.00	ng/ul	0.00
78) Chrysene-d12	21.77	240	290466	20.00	ng/ul	0.00
86) Perylene-d12	25.06	264	277797	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	3583	7.48	ng/uL	0.00
5) Phenol-d5	7.26	99	42314	20.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	26507	19.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	26288	19.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	34500	19.90	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	14688	19.78	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	17892	21.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	38155	21.11	ng/ul	0.00
29) 4-Chloroaniline-d4	11.07	131	36661	21.37	ng/ul	0.00
44) Dimethylphthalate-d6	14.15	166	142601	20.37	ng/ul	0.00
47) Acenaphthylene-d8	14.45	160	152036	20.04	ng/ul	0.00
52) 4-Nitrophenol-d4	14.95	143	20313	18.42	ng/ul	0.00
58) Fluorene-d10	15.74	176	128254	20.48	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.86	200	27256	18.96	ng/ul	0.00
71) Anthracene-d10	17.60	188	219761	20.34	ng/ul	0.00
79) Pyrene-d10	19.87	212	266305	20.12	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.84	264	298881	20.61	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	4693	8.60	ng/uL#	93
4) Benzaldehyde	7.24	77	31532	20.66	ng/ul	94
6) Phenol	7.29	94	45656	20.19	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.52	93	31028	19.72	ng/ul#	91
10) 2-Chlorophenol	7.67	128	27234	20.75	ng/ul#	79
11) 2-Methylphenol	8.55	108	34105	20.48	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.65	45	24777	18.03	ng/ul	93
14) Acetophenone	8.94	105	58452	20.40	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.92	70	36289	18.75	ng/ul#	96
16) 4-Methylphenol	8.88	108	38882	20.73	ng/ul	98
17) Hexachloroethane	9.21	117	12576	20.17	ng/ul	92
20) Nitrobenzene	9.33	77	51249	19.16	ng/ul	99
21) Isophorone	9.85	82	102820	19.93	ng/ul#	96
23) 2-Nitrophenol	10.05	139	19007	21.01	ng/ul	96
24) 2,4-Dimethylphenol	10.10	107	48957	20.31	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.33	93	51220	20.06	ng/ul	93
27) 2,4-Dichlorophenol	10.59	162	36474	21.20	ng/ul	93
28) Naphthalene	10.99	128	95472	19.55	ng/ul	97
30) 4-Chloroaniline	11.10	127	36859	20.66	ng/ul	97
31) Hexachlorobutadiene	11.27	225	33488	21.62	ng/ul	98
32) Caprolactam	11.85	113	15849m	22.64	ng/ul	
33) 4-Chloro-3-methylphenol	12.21	107	51549	21.49	ng/ul	98
34) 2-Methylnaphthalene	12.59	142	78649	20.19	ng/ul	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.81	142	77777	20.04	ng/ul#	99
37) 1,2,4,5-Tetrachlorobenzene	12.95	216	65815	21.21	ng/ul	96
38) Hexachlorocyclopentadiene	12.93	237	27391	15.16	ng/ul#	90
39) 2,4,6-Trichlorophenol	13.19	196	40633	21.47	ng/ul	94
40) 2,4,5-Trichlorophenol	13.27	196	42677	21.55	ng/ul	95
41) 1,1'-Biphenyl	13.59	154	116245	20.19	ng/ul#	97
42) 2-Chloronaphthalene	13.64	162	91584	20.47	ng/ul	100
43) 2-Nitroaniline	13.84	65	37841	20.02	ng/ul	97
45) Dimethylphthalate	14.19	163	140885	20.30	ng/ul	99
46) 2,6-Dinitrotoluene	14.32	165	29874	21.51	ng/ul	92
48) Acenaphthylene	14.48	152	151789	20.05	ng/ul	98
49) 3-Nitroaniline	14.65	138	23695	20.48	ng/ul	90
50) Acenaphthene	14.82	153	104388	20.13	ng/ul	96
51) 2,4-Dinitrophenol	14.86	184	13376	14.66	ng/ul	99
53) 4-Nitrophenol	14.96	109	27141	20.19	ng/ul	95
54) Dibenzofuran	15.15	168	155070	20.40	ng/ul	96
55) 2,4-Dinitrotoluene	15.11	165	46242	21.41	ng/ul#	83
56) 2,3,4,6-Tetrachlorophenol	15.38	232	44688	21.28	ng/ul#	96
57) Diethylphthalate	15.55	149	138433	19.96	ng/ul	99
59) Fluorene	15.80	166	132023	19.87	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.79	204	81259	21.02	ng/ul	99
61) 4-Nitroaniline	15.82	138	29467	21.16	ng/ul	90
64) 4,6-Dinitro-2-methylphenol	15.87	198	29020	19.01	ng/ul#	97
65) N-Nitrosodiphenylamine	16.00	169	120312	20.07	ng/ul	94
66) 4-Bromophenyl-phenylether	16.68	248	57203	21.37	ng/ul	95
67) Hexachlorobenzene	16.80	284	60905	21.58	ng/ul	95
68) Atrazine	16.94	200	58785	21.02	ng/ul	97
69) Pentachlorophenol	17.15	266	29872	18.91	ng/ul	90
70) Phenanthrene	17.54	178	238602	20.03	ng/ul	98
72) Anthracene	17.63	178	240306	20.01	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.56	216	65742	21.39	ng/uL	98
74) Pentachlorobenzene	15.07	250	70436	21.97	ng/uL	97
75) Carbazole	17.90	167	198403	20.57	ng/ul	98
76) Di-n-butylphthalate	18.44	149	242954	19.42	ng/ul	99
77) Fluoranthene	19.54	202	326097	21.48	ng/ul#	96
80) Pyrene	19.90	202	336433	19.83	ng/ul	98
81) Butylbenzylphthalate	20.77	149	111967	20.06	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.66	252	105812	19.92	ng/ul	99
83) Benzo(a)anthracene	21.74	228	362297	20.58	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.63	149	162116	19.81	ng/ul	98
85) Chrysene	21.82	228	333318	20.11	ng/ul	96
87) Di-n-octyl phthalate	22.86	149	276118	20.47	ng/ul	100
88) Benzo(b)fluoranthene	24.01	252	351451	20.53	ng/ul	97
89) Benzo(k)fluoranthene	24.08	252	336367	20.37	ng/ul	99
91) Benzo(a)pyrene	24.91	252	332101	20.15	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.85	276	374404	20.30	ng/ul#	95
93) Dibenzo(a,h)anthracene	28.91	278	313590	20.69	ng/ul	97
94) Benzo(g,h,i)perylene	30.03	276	312555	20.43	ng/ul	98

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

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