Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032116\
Data File : BG021447.D
Acq On : 21 Mar 2016 17:03
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02011

Manual Integrations APPROVED
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Quant Time: Mar 22 01:41:49 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 19 00:12:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	8569	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	41473	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	27304	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	69063	20.00	ng/ul	-0.01
78) Chrysene-d12	21.69	240	84242	20.00	ng/ul	-0.01
86) Perylene-d12	24.91	264	78802	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	1852	9.70	ng/uL	0.00
5) Phenol-d5	7.33	99	17163	21.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	9647	20.10	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.64	132	12951	21.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	16063	23.15	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	6997	22.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	8128	22.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	14634	23.02	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	19639	23.63	ng/ul	0.00
44) Dimethylphthalate-d6	14.09	166	51238	22.54	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	62199	22.19	ng/ul	-0.01
52) 4-Nitrophenol-d4	15.07	143	6926	19.06	ng/ul	0.00
58) Fluorene-d10	15.68	176	44761	21.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	8474	18.57	ng/ul	-0.01
71) Anthracene-d10	17.53	188	73363	21.68	ng/ul	0.00
79) Pyrene-d10	19.80	212	84071	21.40	ng/ul	-0.01
90) Benzo(a)pyrene-d12	24.68	264	78604	21.61	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	2347	9.10	ng/uL#	83
4) Benzaldehyde	7.22	77	11590	23.48	ng/ul	97
6) Phenol	7.36	94	18038	21.06	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.49	93	13094	21.12	ng/ul	87
10) 2-Chlorophenol	7.68	128	13545	21.42	ng/ul	89
11) 2-Methylphenol	8.58	108	14057	21.33	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.60	45	14612	19.54	ng/ul#	45
14) Acetophenone	8.90	105	24349	21.51	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.88	70	13763	21.93	ng/ul#	92
16) 4-Methylphenol	8.91	108	15667	20.95	ng/ul	85
17) Hexachloroethane	9.15	117	5721	21.56	ng/ul	95
20) Nitrobenzene	9.29	77	19030	21.65	ng/ul	96
21) Isophorone	9.80	82	37936	22.39	ng/ul	96
23) 2-Nitrophenol	10.00	139	8682	22.11	ng/ul	94
24) 2,4-Dimethylphenol	10.09	107	19870	22.42	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.28	93	19323	21.90	ng/ul#	95
27) 2,4-Dichlorophenol	10.60	162	14867	22.52	ng/ul	97
28) Naphthalene	10.93	128	46807	21.29	ng/ul	99
30) 4-Chloroaniline	11.05	127	20105	23.05	ng/ul	96
31) Hexachlorobutadiene	11.20	225	10478	21.55	ng/ul	97
32) Caprolactam	11.80	113	5932	23.92	ng/ul#	77
33) 4-Chloro-3-methylphenol	12.24	107	18430	22.86	ng/ul	89
34) 2-Methylnaphthalene	12.53	142	35769	21.92	ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.74	142	34227	21.62	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.89	216	20743	21.70	ng/ul	95
38) Hexachlorocyclopentadiene	12.87	237	5955	17.01	ng/ul	92
39) 2,4,6-Trichlorophenol	13.16	196	14062	25.03	ng/ul	97
40) 2,4,5-Trichlorophenol	13.30	196	15313	24.97	ng/ul	92
41) 1,1'-Biphenyl	13.53	154	48824	21.86	ng/ul#	92
42) 2-Chloronaphthalene	13.57	162	38191	21.86	ng/ul	98
43) 2-Nitroaniline	13.79	65	13454	22.08	ng/ul#	82
45) Dimethylphthalate	14.14	163	53205	22.52	ng/ul	98
46) 2,6-Dinitrotoluene	14.27	165	11072	22.97	ng/ul	92
48) Acenaphthylene	14.41	152	61489	22.15	ng/ul	99
49) 3-Nitroaniline	14.61	138	10863	24.36	ng/ul	89
50) Acenaphthene	14.75	153	42377	22.13	ng/ul	99
51) 2,4-Dinitrophenol	14.82	184	2924	12.04	ng/ul#	88
53) 4-Nitrophenol	15.08	109	8025	21.29	ng/ul#	1
54) Dibenzofuran	15.08	168	59300	22.10	ng/ul	92
55) 2,4-Dinitrotoluene	15.05	165	16192	22.91	ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	15.33	232	11838	26.41	ng/ul	100
57) Diethylphthalate	15.49	149	56566	22.41	ng/ul	99
59) Fluorene	15.73	166	51393	21.91	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.72	204	27305	22.16	ng/ul	99
61) 4-Nitroaniline	15.77	138	10613	22.71	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.82	198	9009	18.70	ng/ul#	95
65) N-Nitrosodiphenylamine	15.93	169	46978	21.96	ng/ul	99
66) 4-Bromophenyl-phenylether	16.61	248	17104	21.20	ng/ul	92
67) Hexachlorobenzene	16.73	284	18185	21.37	ng/ul	93
68) Atrazine	16.87	200	19116	22.15	ng/ul	99
69) Pentachlorophenol	17.10	266	3891m	17.29	ng/ul	
70) Phenanthrene	17.47	178	85375	21.83	ng/ul	99
72) Anthracene	17.56	178	86759	21.80	ng/ul	96
73) 1,2,3,4-Tetrachlorobenzene	13.50	216	21160	21.88	ng/uL	99
74) Pentachlorobenzene	15.01	250	21517	21.43	ng/uL	95
75) Carbazole	17.84	167	75006	21.79	ng/ul	99
76) Di-n-butylphthalate	18.37	149	98305	22.13	ng/ul	98
77) Fluoranthene	19.47	202	103553	21.94	ng/ul#	93
80) Pyrene	19.83	202	107297	21.38	ng/ul#	91
81) Butylbenzylphthalate	20.70	149	44800	21.13	ng/ul#	95
82) 3,3'-Dichlorobenzidine	21.58	252	39130	22.40	ng/ul#	96
83) Benzo(a)anthracene	21.66	228	111772	21.98	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.55	149	66597	21.48	ng/ul	97
85) Chrysene	21.73	228	103710	21.53	ng/ul	99
87) Di-n-octyl phthalate	22.75	149	116152	21.71	ng/ul	100
88) Benzo(b)fluoranthene	23.88	252	112580	22.24	ng/ul#	97
89) Benzo(k)fluoranthene	23.94	252	107473	21.61	ng/ul#	96
91) Benzo(a)pyrene	24.75	252	108958	22.17	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	28.57	276	124431	22.28	ng/ul	96
93) Dibenzo(a,h)anthracene	28.63	278	104541	22.01	ng/ul#	96
94) Benzo(g,h,i)perylene	29.72	276	102338	22.28	ng/ul#	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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