Quantitation Report (QT Reviewed)

Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021418.D
Acq On : 10 Mar 2016 21:36
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02031

Manual Integrations APPROVED
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Quant Time: Mar 11 11:37:20 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 11 00:30:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	11740	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	60648	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	38481	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	84784	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	89989	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	85896	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	1812	7.24	ng/uL	0.00
5) Phenol-d5	7.31	99	25089	18.88	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	7.44	67	16155	18.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	17845	19.67	ng/ul	0.01
13) 4-Methylphenol-d8	8.84	113	19730	18.37	ng/ul	0.02
19) Nitrobenzene-d5	9.29	128	9370	19.18	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	10027	18.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	18641	19.12	ng/ul	0.03
29) 4-Chloroaniline-d4	11.06	131	26193	20.48	ng/ul	0.00
44) Dimethylphthalate-d6	14.14	166	60840	18.27	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	77935	19.20	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	9938	15.78	ng/ul	0.08
58) Fluorene-d10	15.72	176	54412	18.59	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.85	200	10435	18.39	ng/ul	0.01
71) Anthracene-d10	17.57	188	80326	18.98	ng/ul	0.00
79) Pyrene-d10	19.85	212	86502	18.84	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	89897	19.57	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	2493	7.40	ng/uL#	82
4) Benzaldehyde	7.26	77	19025	22.41	ng/ul	97
6) Phenol	7.33	94	26589	18.89	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.53	93	18933	18.71	ng/ul#	91
10) 2-Chlorophenol	7.69	128	18782	19.29	ng/ul	96
11) 2-Methylphenol	8.58	108	20302	19.26	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.64	45	30330	19.02	ng/ul#	93
14) Acetophenone	8.94	105	33869	19.08	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.91	70	20921	18.34	ng/ul	98
16) 4-Methylphenol	8.91	108	23140	19.46	ng/ul	89
17) Hexachloroethane	9.20	117	7926	18.76	ng/ul	91
20) Nitrobenzene	9.32	77	29220	18.60	ng/ul	100
21) Isophorone	9.85	82	56054	18.05	ng/ul	100
23) 2-Nitrophenol	10.04	139	11519	18.48	ng/ul	94
24) 2,4-Dimethylphenol	10.11	107	28192	19.37	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.32	93	28122	18.36	ng/ul	99
27) 2,4-Dichlorophenol	10.60	162	19062	18.59	ng/ul	92
28) Naphthalene	10.98	128	65326	19.21	ng/ul	100
30) 4-Chloroaniline	11.09	127	28305	20.40	ng/ul	97
31) Hexachlorobutadiene	11.25	225	12119	18.30	ng/ul	95
32) Caprolactam	11.85	113	7754	17.57	ng/ul	98
33) 4-Chloro-3-methylphenol	12.23	107	27865	19.17	ng/ul	96
34) 2-Methylnaphthalene	12.57	142	48539	19.21	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.79	142	46462	19.36	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.94	216	25883	20.38	ng/ul	96
38) Hexachlorocyclopentadiene	12.91	237	5094	6.91	ng/ul#	95
39) 2,4,6-Trichlorophenol	13.18	196	18067	19.77	ng/ul	99
40) 2,4,5-Trichlorophenol	13.29	196	19837m	19.54	ng/ul	
41) 1,1'-Biphenyl	13.57	154	63939	19.81	ng/ul	96
42) 2-Chloronaphthalene	13.62	162	49279	19.64	ng/ul	96
43) 2-Nitroaniline	13.83	65	22224	18.61	ng/ul	92
45) Dimethylphthalate	14.18	163	65915	18.53	ng/ul	97
46) 2,6-Dinitrotoluene	14.31	165	13567	18.21	ng/ul	98
48) Acenaphthylene	14.46	152	81994	19.68	ng/ul	98
49) 3-Nitroaniline	14.64	138	15220	20.75	ng/ul	99
50) Acenaphthene	14.80	153	56197	19.44	ng/ul	97
51) 2,4-Dinitrophenol	14.85	184	7120	19.08	ng/ul	91
53) 4-Nitrophenol	15.02	109	13994	18.30	ng/ul	94
54) Dibenzofuran	15.13	168	75472	18.95	ng/ul	98
55) 2,4-Dinitrotoluene	15.09	165	20323	18.16	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.36	232	15244	17.19	ng/ul	96
57) Diethylphthalate	15.54	149	71261	18.22	ng/ul	98
59) Fluorene	15.78	166	65782	18.90	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.76	204	32167	18.44	ng/ul	94
61) 4-Nitroaniline	15.81	138	15549	17.69	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.86	198	11187	18.19	ng/ul#	81
65) N-Nitrosodiphenylamine	15.98	169	56376	20.06	ng/ul	96
66) 4-Bromophenyl-phenylether	16.66	248	19403	20.26	ng/ul	99
67) Hexachlorobenzene	16.78	284	19547	19.19	ng/ul	96
68) Atrazine	16.92	200	20385	19.10	ng/ul	97
69) Pentachlorophenol	17.13	266	9315	16.26	ng/ul	88
70) Phenanthrene	17.52	178	97871	19.40	ng/ul	99
72) Anthracene	17.61	178	98979	19.28	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.54	216	23664	21.93	ng/uL	95
74) Pentachlorobenzene	15.05	250	24502	21.28	ng/uL	91
75) Carbazole	17.88	167	86212	19.42	ng/ul	96
76) Di-n-butylphthalate	18.41	149	112809	18.65	ng/ul	99
77) Fluoranthene	19.52	202	109318	18.77	ng/ul	98
80) Pyrene	19.88	202	110880	18.41	ng/ul	99
81) Butylbenzylphthalate	20.75	149	53402	19.32	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.63	252	41020	20.73	ng/ul	97
83) Benzo(a)anthracene	21.72	228	116770	19.88	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	79887	19.41	ng/ul	97
85) Chrysene	21.79	228	104813	19.27	ng/ul	100
87) Di-n-octyl phthalate	22.82	149	135573	19.11	ng/ul	100
88) Benzo(b)fluoranthene	23.97	252	114792	19.54	ng/ul	99
89) Benzo(k)fluoranthene	24.04	252	109567	19.15	ng/ul	97
91) Benzo(a)pyrene	24.85	252	109345	18.95	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.74	276	125382m	19.78	ng/ul	
93) Dibenzo(a,h)anthracene	28.80	278	106471	19.77	ng/ul	99
94) Benzo(g,h,i)perylene	29.92	276	99898m	19.11	ng/ul	

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

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