Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030416\
Data File : BG021273.D
Acq On : 4 Mar 2016 16:55
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02010

Quant Time: Mar 05 00:53:28 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 04 23:46:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	10577	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	50842	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	30464	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	68962	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	76704	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	71768	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	1894	7.27	ng/uL	0.00
5) Phenol-d5	7.28	99	20932	18.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	14891	19.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	15329	19.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	16806	19.00	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	8013	19.46	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	8269	18.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	14845	18.92	ng/ul	0.00
29) 4-Chloroaniline-d4	11.07	131	21441	21.55	ng/ul	0.00
44) Dimethylphthalate-d6	14.14	166	48851	19.14	ng/ul	0.00
47) Acenaphthylene-d8	14.44	160	60710	19.11	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	9194	18.48	ng/ul	0.00
58) Fluorene-d10	15.72	176	42420	18.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	9079	18.34	ng/ul	0.00
71) Anthracene-d10	17.57	188	66849	19.49	ng/ul	0.00
79) Pyrene-d10	19.85	212	74941	19.30	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	73540	18.98	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.57	88	2322	7.47	ng/uL#	89
4) Benzaldehyde	7.27	77	16859	22.37	ng/ul	90
6) Phenol	7.30	94	22524	18.64	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.54	93	17452	19.59	ng/ul	99
10) 2-Chlorophenol	7.69	128	16183	19.24	ng/ul	99
11) 2-Methylphenol	8.56	108	16665	18.67	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.65	45	27256	20.19	ng/ul	97
14) Acetophenone	8.95	105	29032	19.44	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.93	70	17920	19.33	ng/ul	94
16) 4-Methylphenol	8.89	108	18801	18.89	ng/ul	98
17) Hexachloroethane	9.21	117	7268	19.85	ng/ul	97
20) Nitrobenzene	9.34	77	25126	19.22	ng/ul	99
21) Isophorone	9.86	82	46253	19.11	ng/ul	99
23) 2-Nitrophenol	10.05	139	9787	19.51	ng/ul#	93
24) 2,4-Dimethylphenol	10.09	107	22322	19.00	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.33	93	23758	18.73	ng/ul	98
27) 2,4-Dichlorophenol	10.58	162	15559	18.95	ng/ul	88
28) Naphthalene	10.99	128	53972	18.92	ng/ul	99
30) 4-Chloroaniline	11.09	127	23038	21.22	ng/ul	92
31) Hexachlorobutadiene	11.26	225	10498	19.15	ng/ul	98
32) Caprolactam	11.86	113	5722	18.08	ng/ul	98
33) 4-Chloro-3-methylphenol	12.20	107	20548	18.76	ng/ul	95
34) 2-Methylnaphthalene	12.58	142	38946	18.87	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.80	142	37048	19.15 ng/ul	94
37) 1,2,4,5-Tetrachlorobenzene	12.94	216	19423	18.66 ng/ul	99
38) Hexachlorocyclopentadiene	12.92	237	12825	18.33 ng/ul	98
39) 2,4,6-Trichlorophenol	13.18	196	13306	18.84 ng/ul	96
40) 2,4,5-Trichlorophenol	13.25	196	14638	19.31 ng/ul	89
41) 1,1'-Biphenyl	13.58	154	50320	19.02 ng/ul	97
42) 2-Chloronaphthalene	13.62	162	38864	19.27 ng/ul	97
43) 2-Nitroaniline	13.82	65	16621	19.15 ng/ul	95
45) Dimethylphthalate	14.18	163	52526	19.12 ng/ul	99
46) 2,6-Dinitrotoluene	14.31	165	10596	18.87 ng/ul	93
48) Acenaphthylene	14.47	152	63261	19.22 ng/ul	99
49) 3-Nitroaniline	14.64	138	11332	20.14 ng/ul#	88
50) Acenaphthene	14.80	153	43229	19.14 ng/ul	99
51) 2,4-Dinitrophenol	14.84	184	6290	16.28 ng/ul	92
53) 4-Nitrophenol	14.94	109	11417	18.97 ng/ul	97
54) Dibenzofuran	15.14	168	58865	19.17 ng/ul	100
55) 2,4-Dinitrotoluene	15.09	165	15492	18.61 ng/ul	90
56) 2,3,4,6-Tetrachlorophenol	15.35	232	12832	19.12 ng/ul	98
57) Diethylphthalate	15.54	149	55993	18.55 ng/ul	99
59) Fluorene	15.78	166	50754	18.99 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.77	204	25576	19.06 ng/ul	97
61) 4-Nitroaniline	15.80	138	12592	18.78 ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.85	198	9635	18.00 ng/ul	99
65) N-Nitrosodiphenylamine	15.98	169	44319	19.49 ng/ul	97
66) 4-Bromophenyl-phenylether	16.66	248	14778	19.21 ng/ul	94
67) Hexachlorobenzene	16.78	284	15374	20.34 ng/ul	100
68) Atrazine	16.92	200	16714	19.43 ng/ul	95
69) Pentachlorophenol	17.12	266	9346	18.00 ng/ul#	88
70) Phenanthrene	17.51	178	80733	19.46 ng/ul	99
72) Anthracene	17.61	178	81527	19.46 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.54	216	18690	19.99 ng/uL	94
74) Pentachlorobenzene	15.05	250	18055	19.42 ng/uL	94
75) Carbazole	17.87	167	71616	19.56 ng/ul	96
76) Di-n-butylphthalate	18.42	149	96162	19.39 ng/ul	98
77) Fluoranthene	19.51	202	93079	19.17 ng/ul	99
80) Pyrene	19.88	202	99989	19.45 ng/ul	97
81) Butylbenzylphthalate	20.75	149	45039	19.32 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.63	252	34976	20.63 ng/ul	99
83) Benzo(a)anthracene	21.72	228	95695	19.25 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.61	149	65772	18.98 ng/ul	99
85) Chrysene	21.79	228	89907	19.37 ng/ul	97
87) Di-n-octyl phthalate	22.83	149	111967	18.70 ng/ul	100
88) Benzo(b)fluoranthene	23.95	252	93444	18.81 ng/ul	99
89) Benzo(k)fluoranthene	24.02	252	91659	19.13 ng/ul	100
91) Benzo(a)pyrene	24.84	252	91524	19.08 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.71	276	100872	19.35 ng/ul	94
93) Dibenzo(a,h)anthracene	28.77	278	85893	19.08 ng/ul	99
94) Benzo(g,h,i)perylene	29.87	276	81990	18.83 ng/ul	98

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

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