Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022316\
Data File : BG021037.D
Acq On : 23 Feb 2016 20:29
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ICVBG022316

Quant Time: Feb 24 04:05:35 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 24 00:35:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	4786	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	25047	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	16024	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	36495	20.00	ng	0.00
75) Chrysene-d12	21.82	240	19543	20.00	ng	0.00
86) Perylene-d12	25.13	264	15930	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	22235	81.45	ng	0.00
7) Phenol-d6	7.41	99	34711	82.56	ng	0.00
23) Nitrobenzene-d5	9.39	82	35901	84.16	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	15499	80.74	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	90556	78.67	ng	0.00
78) Terphenyl-d14	20.14	244	108909	72.32	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.61	88	3026	42.93	ng	92
3) Pyridine	4.04	79	10726	42.96	ng	94
4) n-Nitrosodimethylamine	3.94	42	4537	44.19	ng	90
6) Aniline	7.55	93	21590	43.55	ng	97
8) 2-Chlorophenol	7.79	128	13320	40.66	ng	97
9) Benzaldehyde	7.35	77	10103	49.69	ng	100
10) Phenol	7.44	94	18429	42.02	ng	97
11) bis(2-Chloroethyl)ether	7.63	93	14074	39.97	ng	98
12) 1,3-Dichlorobenzene	8.09	146	14556	39.24	ng	98
13) 1,4-Dichlorobenzene	8.24	146	15488	40.00	ng	98
14) 1,2-Dichlorobenzene	8.56	146	14588	40.57	ng	98
15) Benzyl Alcohol	8.47	79	13576	47.42	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.74	45	23275	39.26	ng	97
17) 2-Methylphenol	8.68	107	12566	42.10	ng	94
18) Hexachloroethane	9.29	117	5546	39.89	ng	90
19) n-Nitroso-di-n-propylamine	9.02	70	13174	44.54	ng	96
20) 3+4-Methylphenols	9.02	107	17394	42.05	ng	95
22) Acetophenone	9.05	105	22868	39.46	ng	99
24) Nitrobenzene	9.43	77	18508	39.99	ng	98
25) Isophorone	9.96	82	36646	41.66	ng	99
26) 2-Nitrophenol	10.14	139	8486	41.35	ng	89
27) 2,4-Dimethylphenol	10.21	122	15186	41.02	ng	98
28) bis(2-Chloroethoxy)methane	10.43	93	20209	42.51	ng	98
29) 2,4-Dichlorophenol	10.69	162	13920	41.08	ng	96
30) 1,2,4-Trichlorobenzene	10.88	180	14153	38.94	ng	95
31) Naphthalene	11.08	128	52968	40.44	ng	97
32) Benzoic acid	10.37	122	10269	36.67	ng	87
33) 4-Chloroaniline	11.21	127	22488	42.90	ng	99
34) Hexachlorobutadiene	11.34	225	8213	40.68	ng	88
35) Caprolactam	12.04	113	5482	41.29	ng	93
36) 4-Chloro-3-methylphenol	12.33	107	18183	42.36	ng	91
37) 2-Methylnaphthalene	12.66	142	40581	42.57	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.02	216	17280	39.00	ng	99
40) Hexachlorocyclopentadiene	12.99	237	10990	43.82	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.28	196	12664	40.21	ng		94
43) 2,4,5-Trichlorophenol	13.35	196	13657	42.26	ng		93
45) 1,1'-Biphenyl	13.66	154	53670	38.61	ng		97
46) 2-Chloronaphthalene	13.70	162	38172	39.25	ng		99
47) 2-Nitroaniline	13.93	65	13057	44.49	ng		93
48) Acenaphthylene	14.54	152	70056	39.40	ng		99
49) Dimethylphthalate	14.28	163	51884	39.71	ng		100
50) 2,6-Dinitrotoluene	14.40	165	11410	42.65	ng		94
51) Acenaphthene	14.89	154	41076	40.18	ng		95
52) 3-Nitroaniline	14.76	138	13599	44.25	ng	#	89
53) 2,4-Dinitrophenol	14.94	184	5947	38.68	ng		99
54) Dibenzofuran	15.21	168	63776	43.93	ng		96
55) 4-Nitrophenol	15.09	139	10949	41.32	ng		96
56) 2,4-Dinitrotoluene	15.19	165	15294	39.79	ng		97
57) Fluorene	15.86	166	54648	39.84	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.45	232	12337	45.65	ng		96
59) Diethylphthalate	15.63	149	57755	40.32	ng		98
60) 4-Chlorophenyl-phenylether	15.85	204	24517	38.76	ng		99
61) 4-Nitroaniline	15.91	138	13226	41.10	ng		95
62) Azobenzene	16.14	77	56101	45.19	ng		97
64) 4,6-Dinitro-2-methylphenol	15.94	198	8892	40.22	ng		98
65) n-Nitrosodiphenylamine	16.07	169	45493	41.41	ng		99
66) 4-Bromophenyl-phenylether	16.74	248	15249	39.71	ng		93
67) Hexachlorobenzene	16.85	284	17255	41.04	ng		96
68) Atrazine	17.01	200	12940	37.57	ng		97
69) Pentachlorophenol	17.21	266	9773	40.29	ng		91
70) Phenanthrene	17.60	178	86158	41.73	ng		98
71) Anthracene	17.69	178	83990	40.83	ng		99
72) Carbazole	17.97	167	77606	41.87	ng		98
73) Di-n-butylphthalate	18.49	149	92414	40.92	ng		100
74) Fluoranthene	19.59	202	85254	41.07	ng		99
76) Benzidine	19.78	184	35300	35.51	ng		97
77) Pyrene	19.95	202	80730	36.15	ng		99
79) Butylbenzylphthalate	20.81	149	30620	38.89	ng		99
80) Benzo(a)anthracene	21.80	228	48317	41.23	ng		98
81) 3,3'-Dichlorobenzidine	21.72	252	18044	41.70	ng		95
82) Chrysene	21.87	228	42565	38.93	ng		97
83) Bis(2-ethylhexyl)phthalate	21.67	149	34661	40.33	ng		100
84) Di-n-octyl phthalate	22.90	149	50513	41.30	ng	#	100
85) Indeno(1,2,3-cd)pyrene	28.93	276	40506	41.19	ng	#	100
87) Benzo(b)fluoranthene	24.08	252	42959	40.90	ng		95
88) Benzo(k)fluoranthene	24.15	252	39053	39.41	ng		96
89) Benzo(a)pyrene	24.98	252	39076	41.52	ng	#	94
90) Dibenzo(a,h)anthracene	28.98	278	34075	40.20	ng		96
91) Benzo(g,h,i)perylene	30.12	276	33657	39.79	ng		97

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

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