Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062716\
Data File : BG022639.D
Acq On : 27 Jun 2016 12:22
Operator : UM/SJ
Sample : H3701-09MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-COMP-B2AMSD

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Quant Time: Jun 27 15:41:21 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	173579	20.00	ng		-0.01
21) Naphthalene-d8	10.99	136	706645	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	511711	20.00	ng		0.00
63) Phenanthrene-d10	17.55	188	1341519	20.00	ng		0.00
75) Chrysene-d12	21.85	240	1509947	20.00	ng		0.00
86) Perylene-d12	25.21	264	1553082	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	1160400	107.23	ng		0.00
7) Phenol-d6	7.32	99	1586501	104.01	ng		0.01
23) Nitrobenzene-d5	9.34	82	1275035	76.37	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	1026849	127.58	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	2323023	71.99	ng		0.00
78) Terphenyl-d14	20.15	244	3467849	60.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	123290	28.11	ng	#	61
3) Pyridine	4.00	79	363611	29.64	ng		94
4) n-Nitrosodimethylamine	3.90	42	218161	31.09	ng		83
6) Aniline	7.49	93	293872	14.53	ng		98
8) 2-Chlorophenol	7.73	128	436621	38.95	ng		99
9) Benzaldehyde	7.34	77	17171m	3.20	ng		
10) Phenol	7.34	94	578125	35.86	ng		90
11) bis(2-Chloroethyl)ether	7.58	93	472451	35.60	ng		98
12) 1,3-Dichlorobenzene	8.05	146	450032	32.99	ng		95
13) 1,4-Dichlorobenzene	8.20	146	465960	34.07	ng		98
14) 1,2-Dichlorobenzene	8.52	146	465965	35.83	ng		93
15) Benzyl Alcohol	8.40	79	599385	42.47	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.70	45	527663	35.95	ng		97
17) 2-Methylphenol	8.60	107	424564	39.95	ng		91
18) Hexachloroethane	9.25	117	192538	34.01	ng		88
19) n-Nitroso-di-n-propylamine	8.97	70	464537	36.57	ng		96
20) 3+4-Methylphenols	8.93	107	583798	39.88	ng		91
22) Acetophenone	8.99	105	790471	38.69	ng	#	96
24) Nitrobenzene	9.38	77	685076	37.13	ng		94
25) Isophorone	9.90	82	1206959	37.24	ng		97
26) 2-Nitrophenol	10.09	139	269614	40.56	ng		95
27) 2,4-Dimethylphenol	10.14	122	468285	36.87	ng		88
28) bis(2-Chloroethoxy)methane	10.38	93	685343	38.73	ng		98
29) 2,4-Dichlorophenol	10.63	162	524620	42.40	ng		98
30) 1,2,4-Trichlorobenzene	10.85	180	536737	36.54	ng		96
31) Naphthalene	11.04	128	1448994	40.79	ng		98
32) Benzoic acid	10.27	122	319895	39.54	ng		92
34) Hexachlorobutadiene	11.32	225	410038	35.91	ng		97
35) Caprolactam	11.92	113	162548m	41.71	ng		
36) 4-Chloro-3-methylphenol	12.26	107	642218	42.28	ng		97
37) 2-Methylnaphthalene	12.63	142	1062474	38.57	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	691336	35.79	ng		97
40) Hexachlorocyclopentadiene	12.97	237	826922	53.62	ng		98
42) 2,4,6-Trichlorophenol	13.23	196	507994	41.01	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.31	196	553797	42.72	ng		98
45) 1,1'-Biphenyl	13.63	154	1443073	37.02	ng		96
46) 2-Chloronaphthalene	13.68	162	1184123	36.92	ng		95
47) 2-Nitroaniline	13.88	65	506300	40.89	ng		95
48) Acenaphthylene	14.53	152	1741037	37.42	ng		97
49) Dimethylphthalate	14.25	163	1614405	38.03	ng		97
50) 2,6-Dinitrotoluene	14.37	165	384978	41.74	ng		89
51) Acenaphthene	14.87	154	1547651m	45.16	ng		
52) 3-Nitroaniline	14.70	138	181801	21.06	ng		89
53) 2,4-Dinitrophenol	14.91	184	475918	83.77	ng		92
54) Dibenzofuran	15.20	168	1882205	37.92	ng		97
55) 4-Nitrophenol	15.00	139	586837	80.41	ng		97
56) 2,4-Dinitrotoluene	15.15	165	569937	44.60	ng	#	94
57) Fluorene	15.85	166	1549328	39.11	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.42	232	572170	42.58	ng	#	99
59) Diethylphthalate	15.61	149	1664984	38.15	ng		94
60) 4-Chlorophenyl-phenylether	15.83	204	914116	38.76	ng		97
61) 4-Nitroaniline	15.87	138	368685	41.40	ng	#	86
62) Azobenzene	16.13	77	1692842	35.82	ng		91
64) 4,6-Dinitro-2-methylphenol	15.92	198	372858	41.44	ng		94
65) n-Nitrosodiphenylamine	16.05	169	1459030	37.37	ng		97
66) 4-Bromophenyl-phenylether	16.73	248	657732	37.79	ng		95
67) Hexachlorobenzene	16.85	284	702592	38.18	ng		98
68) Atrazine	17.00	200	645220	39.15	ng		95
69) Pentachlorophenol	17.20	266	949679	74.99	ng		98
70) Phenanthrene	17.60	178	2547951	37.24	ng		93
71) Anthracene	17.69	178	2535662	36.01	ng		94
72) Carbazole	17.96	167	2277928	38.17	ng		95
73) Di-n-butylphthalate	18.50	149	2587484	37.23	ng		96
74) Fluoranthene	19.60	202	2906457	36.88	ng		92
76) Benzidine	19.78	184	429825	26.74	ng	#	94
77) Pyrene	19.97	202	2886333	35.89	ng	#	89
79) Butylbenzylphthalate	20.84	149	1352800	38.86	ng		93
80) Benzo(a)anthracene	21.83	228	3219979	38.54	ng		93
81) 3,3'-Dichlorobenzidine	21.74	252	644070	18.66	ng		100
82) Chrysene	21.90	228	2994347	38.14	ng	#	90
83) Bis(2-ethylhexyl)phthalate	21.72	149	1806540	36.85	ng		95
84) Di-n-octyl phthalate	22.99	149	2935655	36.33	ng		99
85) Indeno(1,2,3-cd)pyrene	29.07	276	3974293	38.52	ng	#	100
87) Benzo(b)fluoranthene	24.14	252	3568424	38.21	ng	#	95
88) Benzo(k)fluoranthene	24.21	252	3349473	37.94	ng	#	95
89) Benzo(a)pyrene	25.06	252	3424258	37.61	ng	#	95
90) Dibenzo(a,h)anthracene	29.14	278	3355080	39.15	ng	#	91
91) Benzo(g,h,i)perylene	30.28	276	3197226	36.65	ng	#	97

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

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