Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080316\
Data File : BG023435.D
Acq On : 3 Aug 2016 21:22
Operator : UM/SJ
Sample : H4287-08MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-60-7.0-8.0MS

Manual Integrations APPROVED
sohil
8/4/2016 6:09:09 PM

Quant Time: Aug 04 03:39:26 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 19:22:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	102184	20.00	ng		0.00
21) Naphthalene-d8	10.95	136	487598	20.00	ng		0.00
38) Acenaphthene-d10	14.78	164	357048	20.00	ng		0.00
63) Phenanthrene-d10	17.54	188	921654	20.00	ng		0.00
75) Chrysene-d12	21.86	240	929953	20.00	ng		0.00
86) Perylene-d12	25.23	264	914819	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	941737	155.13	ng		0.00
7) Phenol-d6	7.28	99	1418339	150.01	ng		0.00
23) Nitrobenzene-d5	9.30	82	963578	98.25	ng		0.00
41) 2,4,6-Tribromophenol	16.28	330	747588	143.15	ng		0.00
44) 2-Fluorobiphenyl	13.40	172	1887318	89.16	ng		0.00
78) Terphenyl-d14	20.15	244	2620424	89.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	92431	35.74	ng	#	92
3) Pyridine	3.93	79	245921	28.93	ng	#	94
4) n-Nitrosodimethylamine	3.84	42	142223	45.13	ng	#	77
6) Aniline	7.43	93	550250	40.28	ng		94
8) 2-Chlorophenol	7.68	128	353663	50.71	ng		98
9) Benzaldehyde	7.25	77	233512	44.78	ng		92
10) Phenol	7.31	94	550230	54.40	ng		83
11) bis(2-Chloroethyl)ether	7.53	93	362681	44.95	ng		90
12) 1,3-Dichlorobenzene	8.00	146	348895	43.70	ng		94
13) 1,4-Dichlorobenzene	8.15	146	357338	43.72	ng		93
14) 1,2-Dichlorobenzene	8.47	146	348717	43.49	ng		92
15) Benzyl Alcohol	8.36	79	425445	59.39	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.65	45	501432	42.26	ng		92
17) 2-Methylphenol	8.57	107	357101	52.66	ng	#	91
18) Hexachloroethane	9.21	117	131744	42.82	ng		97
19) n-Nitroso-di-n-propylamine	8.93	70	379892	46.71	ng		91
20) 3+4-Methylphenols	8.90	107	511735	53.53	ng		91
22) Acetophenone	8.95	105	546049	40.90	ng	#	90
24) Nitrobenzene	9.34	77	535327	49.29	ng		92
25) Isophorone	9.86	82	1025547	50.20	ng	#	92
26) 2-Nitrophenol	10.05	139	225541	49.20	ng	#	86
27) 2,4-Dimethylphenol	10.11	122	387513	49.65	ng		91
28) bis(2-Chloroethoxy)methane	10.34	93	571082	46.50	ng		100
29) 2,4-Dichlorophenol	10.60	162	425736	54.25	ng		98
30) 1,2,4-Trichlorobenzene	10.81	180	389950	46.07	ng		93
31) Naphthalene	11.00	128	1139425	45.89	ng		99
32) Benzoic acid	10.21	122	62386	13.96	ng		93
33) 4-Chloroaniline	11.11	127	392497	33.07	ng		92
34) Hexachlorobutadiene	11.28	225	250389	44.98	ng		96
35) Caprolactam	11.90	113	168184m	50.94	ng		
36) 4-Chloro-3-methylphenol	12.24	107	543030	52.66	ng		91
37) 2-Methylnaphthalene	12.60	142	881311m	46.69	ng		
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	448150	34.61	ng		99
40) Hexachlorocyclopentadiene	12.94	237	596623	91.38	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	382050	49.53	ng		97
43) 2,4,5-Trichlorophenol	13.29	196	406021	51.13	ng		92
45) 1,1'-Biphenyl	13.61	154	1100035	40.30	ng		95
46) 2-Chloronaphthalene	13.66	162	975080	46.18	ng		98
47) 2-Nitroaniline	13.87	65	445466	50.81	ng		89
48) Acenaphthylene	14.51	152	1553521	46.54	ng		98
49) Dimethylphthalate	14.23	163	2109632	77.01	ng	#	95
50) 2,6-Dinitrotoluene	14.36	165	321921	49.62	ng		84
51) Acenaphthene	14.85	154	981201	46.40	ng		98
52) 3-Nitroaniline	14.70	138	310121	42.39	ng	#	83
53) 2,4-Dinitrophenol	14.90	184	274975	66.12	ng		90
54) Dibenzofuran	15.18	168	1574271	51.28	ng		97
55) 4-Nitrophenol	15.01	139	551254	95.94	ng	#	81
56) 2,4-Dinitrotoluene	15.15	165	472731	51.92	ng	#	94
57) Fluorene	15.84	166	1286172	48.01	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.41	232	418853m	57.49	ng		
59) Diethylphthalate	15.59	149	1410398	50.72	ng		97
60) 4-Chlorophenyl-phenylether	15.82	204	667078	47.05	ng		99
61) 4-Nitroaniline	15.86	138	377207	48.43	ng	#	71
62) Azobenzene	16.12	77	1510574	53.59	ng		90
64) 4,6-Dinitro-2-methylphenol	15.92	198	291307	46.49	ng		96
65) n-Nitrosodiphenylamine	16.04	169	1225611	45.34	ng		97
66) 4-Bromophenyl-phenylether	16.72	248	480538	44.73	ng		96
67) Hexachlorobenzene	16.85	284	530610	45.15	ng		96
68) Atrazine	16.99	200	527582	50.83	ng		97
69) Pentachlorophenol	17.19	266	649507	94.80	ng		99
70) Phenanthrene	17.59	178	2130400	45.55	ng		95
71) Anthracene	17.68	178	2177645	46.30	ng		97
72) Carbazole	17.95	167	2035843	49.29	ng		96
73) Di-n-butylphthalate	18.49	149	2216586	54.55	ng		98
74) Fluoranthene	19.60	202	2415188	57.26	ng		94
76) Benzidine	19.78	184	719139	27.82	ng		99
77) Pyrene	19.96	202	2414242	46.05	ng		98
79) Butylbenzylphthalate	20.83	149	1076590	48.08	ng		99
80) Benzo(a)anthracene	21.84	228	2322585	45.24	ng		99
81) 3,3'-Dichlorobenzidine	21.75	252	735122	34.91	ng	#	98
82) Chrysene	21.91	228	2209875	45.25	ng		97
83) Bis(2-ethylhexyl)phthalate	21.72	149	1435013	46.80	ng		100
84) Di-n-octyl phthalate	22.98	149	2372519	45.33	ng		99
85) Indeno(1,2,3-cd)pyrene	29.10	276	2798181	45.85	ng	#	100
87) Benzo(b)fluoranthene	24.16	252	2415792	46.93	ng	#	95
88) Benzo(k)fluoranthene	24.23	252	2312501	46.78	ng	#	95
89) Benzo(a)pyrene	25.08	252	2319471	47.38	ng	#	96
90) Dibenzo(a,h)anthracene	29.17	278	2364605	47.28	ng	#	91
91) Benzo(g,h,i)perylene	30.32	276	2335718	46.38	ng	#	92

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

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