Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062917\
Data File : BG027750.D
Acq On : 29 Jun 2017 21:12
Operator : SJ/JU
Sample : I3905-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CAN-SB-05-11-50MS

Manual Integrations APPROVED
mohammad
6/30/2017 2:50:45 PM

Quant Time: Jun 30 05:40:29 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 19:26:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	29769	20.00	ng		0.00
21) Naphthalene-d8	11.29	136	149160	20.00	ng		0.00
38) Acenaphthene-d10	15.06	164	94447	20.00	ng		0.00
63) Phenanthrene-d10	17.81	188	236394	20.00	ng		0.00
75) Chrysene-d12	22.17	240	263052	20.00	ng		0.00
86) Perylene-d12	25.78	264	246817	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.06	112	281971	145.86	ng		0.00
7) Phenol-d6	7.62	99	408680	138.38	ng		0.00
23) Nitrobenzene-d5	9.64	82	236064	88.22	ng		0.00
41) 2,4,6-Tribromophenol	16.55	330	195239	150.71	ng		0.00
44) 2-Fluorobiphenyl	13.68	172	501154	75.78	ng		0.00
78) Terphenyl-d14	20.39	244	861540	76.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	4.04	88	24993	34.72	ng		93
3) Pyridine	4.42	79	78256	35.31	ng		90
4) n-Nitrosodimethylamine	4.34	42	45276	41.66	ng		85
6) Aniline	7.80	93	133709	39.06	ng		96
8) 2-Chlorophenol	8.04	128	102760	47.57	ng		93
9) Benzaldehyde	7.62	77	48061	27.35	ng		87
10) Phenol	7.64	94	144009	49.29	ng		82
11) bis(2-Chloroethyl)ether	7.88	93	87819	39.57	ng		95
12) 1,3-Dichlorobenzene	8.37	146	92162	40.11	ng	#	91
13) 1,4-Dichlorobenzene	8.51	146	94962	39.89	ng		96
14) 1,2-Dichlorobenzene	8.83	146	95134	41.21	ng		92
15) Benzyl Alcohol	8.70	79	86327	42.26	ng	#	82
16) 2,2'-oxybis(1-Chloropropan	8.98	45	199803	42.21	ng		99
17) 2-Methylphenol	8.90	107	95589	46.24	ng	#	84
18) Hexachloroethane	9.56	117	32983	39.38	ng	#	81
19) n-Nitroso-di-n-propylamine	9.27	70	84658	39.40	ng		96
20) 3+4-Methylphenols	9.22	107	131861	44.23	ng		89
22) Acetophenone	9.29	105	152892	42.48	ng	#	89
24) Nitrobenzene	9.68	77	118821	42.47	ng	#	83
25) Isophorone	10.20	82	237259	40.68	ng	#	95
26) 2-Nitrophenol	10.40	139	55766	44.13	ng	#	80
27) 2,4-Dimethylphenol	10.43	122	112551	47.55	ng		92
28) bis(2-Chloroethoxy)methane	10.67	93	134272	40.60	ng		97
29) 2,4-Dichlorophenol	10.93	162	101158	48.77	ng		99
30) 1,2,4-Trichlorobenzene	11.15	180	87496	41.36	ng		95
31) Naphthalene	11.35	128	323731	40.81	ng		99
32) Benzoic acid	10.50	122	5529m	11.98	ng		
33) 4-Chloroaniline	11.44	127	50856	14.84	ng	#	88
34) Hexachlorobutadiene	11.62	225	49314	41.84	ng		96
35) Caprolactam	12.21	113	43376m	41.58	ng		
36) 4-Chloro-3-methylphenol	12.53	107	132863	45.52	ng		90
37) 2-Methylnaphthalene	12.91	142	238916	40.44	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.27	216	104939	42.28	ng	#	98
40) Hexachlorocyclopentadiene	13.25	237	121486	103.82	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.50	196	82479	46.01	ng		96
43) 2,4,5-Trichlorophenol	13.58	196	92366	45.48	ng		96
45) 1,1'-Biphenyl	13.89	154	318567	42.08	ng		98
46) 2-Chloronaphthalene	13.95	162	237820	41.59	ng		98
47) 2-Nitroaniline	14.14	65	102721	44.87	ng	#	88
48) Acenaphthylene	14.79	152	414010	39.62	ng		98
49) Dimethylphthalate	14.50	163	497691	61.77	ng		97
50) 2,6-Dinitrotoluene	14.63	165	77243	44.10	ng	#	80
51) Acenaphthene	15.13	154	259436	38.74	ng		98
52) 3-Nitroaniline	14.96	138	66887	32.46	ng	#	78
53) 2,4-Dinitrophenol	15.16	184	15882	23.33	ng	#	90
54) Dibenzofuran	15.46	168	390453	44.09	ng		98
55) 4-Nitrophenol	15.25	139	143485	91.22	ng	#	61
56) 2,4-Dinitrotoluene	15.41	165	113062	46.28	ng	#	87
57) Fluorene	16.10	166	342473	39.88	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.68	232	84491m	48.26	ng		
59) Diethylphthalate	15.85	149	381717	42.79	ng		95
60) 4-Chlorophenyl-phenylether	16.09	204	155786	40.98	ng		95
61) 4-Nitroaniline	16.13	138	99333	46.27	ng	#	68
62) Azobenzene	16.38	77	346112	44.15	ng		93
64) 4,6-Dinitro-2-methylphenol	16.17	198	47832	34.37	ng		81
65) n-Nitrosodiphenylamine	16.30	169	314906	40.95	ng		98
66) 4-Bromophenyl-phenylether	16.99	248	102176	41.33	ng		89
67) Hexachlorobenzene	17.11	284	108077	41.28	ng		95
68) Atrazine	17.24	200	114308	47.08	ng		97
69) Pentachlorophenol	17.46	266	131840	78.95	ng		97
70) Phenanthrene	17.86	178	575957	42.20	ng		95
71) Anthracene	17.94	178	568804	41.27	ng		97
72) Carbazole	18.21	167	547623	40.35	ng		97
73) Di-n-butylphthalate	18.74	149	673992	45.19	ng	#	93
74) Fluoranthene	19.85	202	664255	44.54	ng		93
76) Benzidine	20.02	184	280158	44.96	ng		97
77) Pyrene	20.21	202	676993	41.01	ng		96
79) Butylbenzylphthalate	21.08	149	318921	42.89	ng	#	89
80) Benzo(a)anthracene	22.15	228	656053	41.25	ng		95
81) 3,3'-Dichlorobenzidine	22.05	252	158589	27.47	ng	#	94
82) Chrysene	22.23	228	600142	40.26	ng		94
83) Bis(2-ethylhexyl)phthalate	22.00	149	465551	42.85	ng	#	95
84) Di-n-octyl phthalate	23.35	149	786522	43.82	ng	#	92
85) Indeno(1,2,3-cd)pyrene	29.94	276	733977	43.08	ng	#	88
87) Benzo(b)fluoranthene	24.63	252	655878	41.25	ng	#	94
88) Benzo(k)fluoranthene	24.70	252	631480	40.18	ng	#	93
89) Benzo(a)pyrene	25.62	252	620112	41.56	ng	#	91
90) Dibenzo(a,h)anthracene	30.01	278	618528	40.92	ng	#	93
91) Benzo(g,h,i)perylene	31.25	276	587275	40.43	ng	#	88

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

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