Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070117\
Data File : BG027801.D
Acq On : 2 Jul 2017 2:40
Operator : SJ/JU
Sample : I4007-05MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP2-MH2094-COMPMS

Manual Integrations APPROVED

Quant Time: Jul 03 07:33:49 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	30797	20.00	ng		0.00	
21) Naphthalene-d8	11.29	136	151303	20.00	ng		0.00	
38) Acenaphthene-d10	15.07	164	98289	20.00	ng		0.00	
63) Phenanthrene-d10	17.82	188	234000	20.00	ng		0.00	
75) Chrysene-d12	22.18	240	253826	20.00	ng		0.00	
86) Perylene-d12	25.79	264	225822	20.00	ng		0.00	mohammad
System Monitoring Compounds								
5) 2-Fluorophenol	6.06	112	266748	133.38	ng		0.00	
7) Phenol-d6	7.62	99	349424	114.37	ng		0.00	
23) Nitrobenzene-d5	9.64	82	245935	90.60	ng		0.00	7/5/2017 11:31:51 AM
41) 2,4,6-Tribromophenol	16.55	330	243598	180.69	ng		0.00	
44) 2-Fluorobiphenyl	13.69	172	669373	97.26	ng		0.00	
78) Terphenyl-d14	20.39	244	1126240	104.02	ng		0.00	
Target Compounds							Qvalue	
2) 1,4-Dioxane	4.06	88	22228	29.852	ng	#	90	
3) Pyridine	4.45	79	100479	43.825	ng		95	
4) n-Nitrosodimethylamine	4.34	42	43343	38.550	ng		85	
6) Aniline	7.82	93	27407	7.739	ng	#	96	
8) 2-Chlorophenol	8.04	128	108844	48.704	ng		88	
9) Benzaldehyde	7.62	77	31050	17.079	ng		84	
10) Phenol	7.65	94	123626	40.898	ng		83	
11) bis(2-Chloroethyl)ether	7.89	93	96248	41.919	ng		96	
12) 1,3-Dichlorobenzene	8.37	146	97496	41.014	ng	#	92	
13) 1,4-Dichlorobenzene	8.51	146	101626	41.259	ng		94	
14) 1,2-Dichlorobenzene	8.84	146	99807	41.791	ng		91	
15) Benzyl Alcohol	8.71	79	87167	41.242	ng	#	87	
16) 2,2'-oxybis(1-Chloropropan	8.98	45	197876	40.405	ng		97	
17) 2-Methylphenol	8.90	107	98773	46.187	ng	#	87	
18) Hexachloroethane	9.57	117	34835	40.206	ng		82	
19) n-Nitroso-di-n-propylamine	9.27	70	88339	39.743	ng	#	94	
20) 3+4-Methylphenols	9.23	107	134890	43.740	ng		88	
22) Acetophenone	9.30	105	166338	45.559	ng	#	89	
24) Nitrobenzene	9.68	77	127221	44.830	ng	#	86	
25) Isophorone	10.20	82	253512	42.847	ng		96	
26) 2-Nitrophenol	10.39	139	63789	49.764	ng	#	82	
27) 2,4-Dimethylphenol	10.44	122	124676	51.930	ng		93	
28) bis(2-Chloroethoxy)methane	10.67	93	137384	40.956	ng	#	96	
29) 2,4-Dichlorophenol	10.94	162	117131	55.670	ng		98	
30) 1,2,4-Trichlorobenzene	11.15	180	102690	47.855	ng		94	
31) Naphthalene	11.35	128	373866	46.465	ng		99	
32) Benzoic acid	10.57	122	64024	44.436	ng	#	81	
34) Hexachlorobutadiene	11.62	225	60510	50.608	ng		95	
35) Caprolactam	12.22	113	35642m	33.680	ng			
36) 4-Chloro-3-methylphenol	12.53	107	155479	52.515	ng	#	90	
37) 2-Methylnaphthalene	12.92	142	285188	47.586	ng		94	
39) 1,2,4,5-Tetrachlorobenzene	13.27	216	134418	52.043	ng		97	
40) Hexachlorocyclopentadiene	13.25	237	166993	137.131	ng		95	
42) 2,4,6-Trichlorophenol	13.50	196	100934	54.107	ng		93	

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.59	196	113469	53.683	ng		95
45) 1,1'-Biphenyl	13.90	154	385531	48.937	ng		98
46) 2-Chloronaphthalene	13.95	162	291611	48.999	ng		97
47) 2-Nitroaniline	14.15	65	106804	44.835	ng	#	86
48) Acenaphthylene	14.80	152	499463	45.929	ng		97
49) Dimethylphthalate	14.51	163	413193	49.279	ng		96
50) 2,6-Dinitrotoluene	14.63	165	90708	49.766	ng	#	82
51) Acenaphthene	15.13	154	321331	46.102	ng		97
52) 3-Nitroaniline	14.97	138	18817	8.775	ng		84
53) 2,4-Dinitrophenol	15.17	184	107977	104.948	ng		94
54) Dibenzofuran	15.46	168	483510	52.463	ng		98
55) 4-Nitrophenol	15.26	139	129602	79.177	ng	#	60
56) 2,4-Dinitrotoluene	15.42	165	130911	51.494	ng	#	88
57) Fluorene	16.11	166	421857	47.209	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.68	232	106863m	58.649	ng		
59) Diethylphthalate	15.85	149	456505	49.169	ng		95
60) 4-Chlorophenyl-phenylether	16.09	204	202639	51.227	ng		94
61) 4-Nitroaniline	16.13	138	60373	27.025	ng	#	67
62) Azobenzene	16.38	77	378413	46.383	ng		94
64) 4,6-Dinitro-2-methylphenol	16.18	198	72492	49.447	ng		88
65) n-Nitrosodiphenylamine	16.31	169	194443	25.544	ng		97
66) 4-Bromophenyl-phenylether	16.99	248	137566	56.209	ng		93
67) Hexachlorobenzene	17.12	284	145369	56.086	ng		93
68) Atrazine	17.24	200	16414	6.830	ng		97
69) Pentachlorophenol	17.46	266	164425	97.869	ng		95
70) Phenanthrene	17.86	178	669951	49.594	ng		95
71) Anthracene	17.95	178	672128	49.272	ng		97
72) Carbazole	18.22	167	372352	27.716	ng		94
73) Di-n-butylphthalate	18.74	149	749511	50.768	ng	#	94
74) Fluoranthene	19.85	202	745704	50.509	ng		95
76) Benzidine	20.15	184	117	3.235	ng	#	64
77) Pyrene	20.21	202	759223	47.662	ng		95
79) Butylbenzylphthalate	21.08	149	347631	48.455	ng	#	89
80) Benzo(a)anthracene	22.16	228	744458	48.512	ng		95
82) Chrysene	22.23	228	693856	48.237	ng		95
83) Bis(2-ethylhexyl)phthalate	22.00	149	494159	47.134	ng	#	95
84) Di-n-octyl phthalate	23.35	149	839069	48.443	ng	#	91
85) Indeno(1,2,3-cd)pyrene	29.95	276	840926	51.151	ng	#	98
87) Benzo(b)fluoranthene	24.64	252	761233	52.323	ng	#	95
88) Benzo(k)fluoranthene	24.71	252	740811	51.513	ng	#	94
89) Benzo(a)pyrene	25.62	252	699673	51.252	ng	#	95
90) Dibenzo(a,h)anthracene	30.02	278	735303	53.167	ng	#	96
91) Benzo(g,h,i)perylene	31.26	276	671109	50.493	ng	#	92

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

mohammad 7/5/2017 11:31:51 AM

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