Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041318\
Data File : BG033799.D
Acq On : 13 Apr 2018 16:49
Operator : SJ/JU
Sample : J2163-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-01-041118-AMS

Manual Integrations APPROVED
Sohil
4/16/2018 3:14:18 PM

Quant Time: Apr 16 08:55:35 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 10 16:51:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.85	152	28363	20.00	ng		0.00
21) Naphthalene-d8	11.74	136	130437	20.00	ng		0.00
38) Acenaphthene-d10	15.47	164	109554	20.00	ng		0.00
63) Phenanthrene-d10	18.20	188	307219	20.00	ng		0.00
75) Chrysene-d12	22.55	240	310264	20.00	ng		0.00
86) Perylene-d12	26.32	264	322001	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.30	112	204495	135.19	ng		0.01
7) Phenol-d6	7.99	99	319094	122.78	ng		0.02
23) Nitrobenzene-d5	10.06	82	250135	88.11	ng		0.00
41) 2,4,6-Tribromophenol	16.95	330	220231	134.41	ng		0.00
44) 2-Fluorobiphenyl	14.10	172	631695	83.24	ng		0.00
78) Terphenyl-d14	20.73	244	1292164	89.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.92	88	27208	35.420	ng	#	87
3) Pyridine	4.39	79	65054	30.636	ng		98
4) n-Nitrosodimethylamine	4.30	42	33173	38.068	ng	#	81
6) Aniline	8.17	93	44438	14.540	ng	#	91
8) 2-Chlorophenol	8.40	128	91041	52.648	ng		92
9) Benzaldehyde	7.96	77	22881m	13.853	ng		
10) Phenol	8.02	94	99622	38.824	ng		82
11) bis(2-Chloroethyl)ether	8.23	93	88746	42.372	ng		97
12) 1,3-Dichlorobenzene	8.73	146	94758m	41.914	ng		
13) 1,4-Dichlorobenzene	8.89	146	94307	41.653	ng		95
14) 1,2-Dichlorobenzene	9.22	146	99491	45.023	ng		97
15) Benzyl Alcohol	9.10	79	98128	47.955	ng		88
16) 2,2'-oxybis(1-Chloropropan	9.37	45	178272	52.212	ng		80
17) 2-Methylphenol	9.31	107	89350m	51.115	ng		
18) Hexachloroethane	9.97	117	40048	45.829	ng		96
19) n-Nitroso-di-n-propylamine	9.66	70	97419	51.154	ng		92
20) 3+4-Methylphenols	9.64	107	112142	45.058	ng		91
22) Acetophenone	9.70	105	156414	43.770	ng	#	94
24) Nitrobenzene	10.10	77	132028	43.447	ng		94
25) Isophorone	10.61	82	247609	44.937	ng		100
26) 2-Nitrophenol	10.83	139	53352	46.374	ng	#	82
27) 2,4-Dimethylphenol	10.87	122	84020	50.272	ng		83
28) bis(2-Chloroethoxy)methane	11.10	93	128186	46.625	ng		97
29) 2,4-Dichlorophenol	11.38	162	107911	52.502	ng		95
30) 1,2,4-Trichlorobenzene	11.58	180	113755	42.598	ng		97
31) Naphthalene	11.78	128	310133	45.883	ng		96
32) Benzoic acid	11.02	122	45537m	29.310	ng		
33) 4-Chloroaniline	11.78	127	41617	13.743	ng	#	23
34) Hexachlorobutadiene	12.04	225	87914	43.534	ng		96
35) Caprolactam	12.63	113	30381	37.730	ng		89
36) 4-Chloro-3-methylphenol	12.98	107	134584	50.204	ng		94
37) 2-Methylnaphthalene	13.34	142	226490	43.171	ng		90
39) 1,2,4,5-Tetrachlorobenzene	13.69	216	154649	38.971	ng		98
40) Hexachlorocyclopentadiene	13.66	237	154892	66.582	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	107560	46.651	ng		96
43) 2,4,5-Trichlorophenol	14.02	196	120923	44.372	ng		96
45) 1,1'-Biphenyl	14.31	154	352296	41.856	ng		95
46) 2-Chloronaphthalene	14.37	162	274980	42.371	ng		95
47) 2-Nitroaniline	14.57	65	104898	43.154	ng		96
48) Acenaphthylene	15.20	152	459806	42.446	ng		98
49) Dimethylphthalate	14.90	163	426751	44.760	ng		100
50) 2,6-Dinitrotoluene	15.04	165	90656	46.503	ng		95
51) Acenaphthene	15.54	154	275930	39.514	ng		96
52) 3-Nitroaniline	15.41	138	11958	5.851	ng	#	98
53) 2,4-Dinitrophenol	15.58	184	87727	86.238	ng	#	72
54) Dibenzofuran	15.87	168	463119	44.898	ng		91
55) 4-Nitrophenol	15.70	139	107130	74.543	ng	#	80
56) 2,4-Dinitrotoluene	15.82	165	134387	46.818	ng		93
57) Fluorene	16.51	166	378983	43.127	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.09	232	121239	47.256	ng		98
59) Diethylphthalate	16.24	149	442024	47.746	ng		99
60) 4-Chlorophenyl-phenylether	16.48	204	225044	44.550	ng		96
61) 4-Nitroaniline	16.55	138	47661	23.028	ng		90
62) Azobenzene	16.78	77	420969	46.941	ng		97
64) 4,6-Dinitro-2-methylphenol	16.57	198	82747	45.023	ng		95
65) n-Nitrosodiphenylamine	16.69	169	363018	41.390	ng		94
66) 4-Bromophenyl-phenylether	17.37	248	153647	42.585	ng		94
67) Hexachlorobenzene	17.50	284	155828	40.924	ng		97
68) Atrazine	17.62	200	110536	31.101	ng		99
69) Pentachlorophenol	17.85	266	203149	77.732	ng		99
70) Phenanthrene	18.25	178	652874	40.805	ng		98
71) Anthracene	18.34	178	663830	40.976	ng		98
72) Carbazole	18.60	167	637964	44.439	ng		98
73) Di-n-butylphthalate	19.09	149	763340	45.683	ng	#	98
74) Fluoranthene	20.20	202	825584	41.697	ng		98
77) Pyrene	20.56	202	846410	40.904	ng		99
79) Butylbenzylphthalate	21.41	149	337260	44.167	ng		96
80) Benzo(a)anthracene	22.53	228	796705	40.327	ng		99
81) 3,3'-Dichlorobenzidine	22.42	252	40666	5.784	ng		92
82) Chrysene	22.61	228	777497	40.655	ng		99
83) Bis(2-ethylhexyl)phthalate	22.35	149	472556	44.892	ng		99
84) Di-n-octyl phthalate	23.73	149	800052	49.640	ng		100
85) Indeno(1,2,3-cd)pyrene	30.71	276	868499	42.004	ng	#	80
87) Benzo(b)fluoranthene	25.11	252	755015m	40.584	ng		
88) Benzo(k)fluoranthene	25.19	252	791955	42.091	ng	#	96
89) Benzo(a)pyrene	26.14	252	730545	40.891	ng	#	97
90) Dibenzo(a,h)anthracene	30.78	278	734387	43.639	ng	#	95
91) Benzo(g,h,i)perylene	32.09	276	697792	41.873	ng	#	96

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

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