Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040418\
Data File : BG033569.D
Acq On : 4 Apr 2018 20:52
Operator : SJ/JU
Sample : PB107912BSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB107912BSD

Manual Integrations APPROVED
Sohil
4/5/2018 5:03:52 PM

Quant Time: Apr 05 03:55:03 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 04 18:35:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	33364	20.00	ng		0.00
21) Naphthalene-d8	11.75	136	149573	20.00	ng		0.00
38) Acenaphthene-d10	15.48	164	114636	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	306053	20.00	ng		0.00
75) Chrysene-d12	22.56	240	317720	20.00	ng		0.00
86) Perylene-d12	26.32	264	345738	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.29	112	187342	105.29	ng		0.00
7) Phenol-d6	7.98	99	297024	97.16	ng		0.00
23) Nitrobenzene-d5	10.06	82	286679	88.06	ng		0.00
41) 2,4,6-Tribromophenol	16.95	330	152280	88.82	ng		0.00
44) 2-Fluorobiphenyl	14.10	172	701940	88.40	ng		0.00
78) Terphenyl-d14	20.73	244	1256658	84.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.92	88	34270	37.926	ng		86
3) Pyridine	4.38	79	94408	37.796	ng		97
4) n-Nitrosodimethylamine	4.29	42	48533	47.346	ng	#	81
6) Aniline	8.16	93	58501	16.272	ng	#	92
8) 2-Chlorophenol	8.41	128	101002	49.654	ng		95
9) Benzaldehyde	7.98	77	23819m	12.260	ng		
10) Phenol	8.01	94	151425	50.167	ng		97
11) bis(2-Chloroethyl)ether	8.25	93	84672	34.367	ng		97
12) 1,3-Dichlorobenzene	8.75	146	105152	39.540	ng		96
13) 1,4-Dichlorobenzene	8.90	146	99642	37.412	ng		97
14) 1,2-Dichlorobenzene	9.23	146	110127	42.366	ng		93
15) Benzyl Alcohol	9.10	79	112891	46.900	ng		89
16) 2,2'-oxybis(1-Chloropropan	9.39	45	176714	43.998	ng		86
17) 2-Methylphenol	9.30	107	92450	44.961	ng	#	86
18) Hexachloroethane	9.98	117	41558	40.429	ng		98
19) n-Nitroso-di-n-propylamine	9.66	70	96118	42.906	ng		98
20) 3+4-Methylphenols	9.63	107	138916	47.449	ng		93
22) Acetophenone	9.70	105	168357	41.085	ng	#	98
24) Nitrobenzene	10.11	77	143142	41.078	ng		93
25) Isophorone	10.62	82	281280	44.517	ng		99
26) 2-Nitrophenol	10.83	139	59116	44.810	ng	#	83
27) 2,4-Dimethylphenol	10.87	122	104789	54.677	ng		90
28) bis(2-Chloroethoxy)methane	11.10	93	144822	45.937	ng		96
29) 2,4-Dichlorophenol	11.38	162	118293	50.190	ng		95
30) 1,2,4-Trichlorobenzene	11.60	180	120688	39.412	ng		94
31) Naphthalene	11.80	128	341135	44.012	ng		96
32) Benzoic acid	10.99	122	60030	33.695	ng		91
33) 4-Chloroaniline	11.90	127	43359	12.486	ng		91
34) Hexachlorobutadiene	12.05	225	86419	37.319	ng		98
35) Caprolactam	12.64	113	43351	46.950	ng		98
36) 4-Chloro-3-methylphenol	12.96	107	151153	49.171	ng		95
37) 2-Methylnaphthalene	13.35	142	260506	43.302	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.71	216	167445	40.325	ng		98
40) Hexachlorocyclopentadiene	13.67	237	201341	82.712	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	110901	45.968	ng		97
43) 2,4,5-Trichlorophenol	14.01	196	124519	43.666	ng		98
45) 1,1'-Biphenyl	14.32	154	369535	41.958	ng		96
46) 2-Chloronaphthalene	14.37	162	282355	41.579	ng		95
47) 2-Nitroaniline	14.57	65	114267	44.925	ng		96
48) Acenaphthylene	15.21	152	472821	41.713	ng		99
49) Dimethylphthalate	14.90	163	408042	40.901	ng		98
50) 2,6-Dinitrotoluene	15.04	165	91109	44.663	ng		93
51) Acenaphthene	15.54	154	354721	48.545	ng		95
52) 3-Nitroaniline	15.38	138	41922	19.602	ng	#	94
53) 2,4-Dinitrophenol	15.57	184	96314	90.106	ng	#	81
54) Dibenzofuran	15.87	168	475064	44.014	ng		91
55) 4-Nitrophenol	15.66	139	142761	94.931	ng		90
56) 2,4-Dinitrotoluene	15.81	165	132019	43.954	ng		98
57) Fluorene	16.51	166	395515	43.013	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.08	232	128208	47.757	ng		97
59) Diethylphthalate	16.24	149	416331	42.977	ng		99
60) 4-Chlorophenyl-phenylether	16.49	204	220364	41.689	ng		99
61) 4-Nitroaniline	16.53	138	90980	42.009	ng	#	78
62) Azobenzene	16.78	77	417056	44.443	ng		98
64) 4,6-Dinitro-2-methylphenol	16.57	198	76092	41.560	ng		97
65) n-Nitrosodiphenylamine	16.70	169	368539	42.180	ng		94
66) 4-Bromophenyl-phenylether	17.38	248	145832	40.573	ng		94
67) Hexachlorobenzene	17.51	284	150083	39.565	ng		94
68) Atrazine	17.62	200	142938	40.372	ng		99
69) Pentachlorophenol	17.85	266	196031	75.294	ng		99
70) Phenanthrene	18.25	178	676589	42.448	ng		99
71) Anthracene	18.34	178	699858	43.365	ng		99
72) Carbazole	18.61	167	638718	44.661	ng		96
73) Di-n-butylphthalate	19.09	149	757057	45.479	ng	#	98
74) Fluoranthene	20.21	202	878100	44.518	ng		97
76) Benzidine	20.39	184	172862	20.063	ng		98
77) Pyrene	20.56	202	872203	41.161	ng		99
79) Butylbenzylphthalate	21.42	149	334637	42.795	ng		98
80) Benzo(a)anthracene	22.54	228	847717	41.902	ng		99
81) 3,3'-Dichlorobenzidine	22.42	252	196952	27.357	ng	#	97
82) Chrysene	22.61	228	803682	41.038	ng		98
83) Bis(2-ethylhexyl)phthalate	22.35	149	473306	43.908	ng		98
84) Di-n-octyl phthalate	23.75	149	813240	49.274	ng		100
85) Indeno(1,2,3-cd)pyrene	30.70	276	886049	41.847	ng	#	90
87) Benzo(b)fluoranthene	25.12	252	827754	41.440	ng	#	97
88) Benzo(k)fluoranthene	25.19	252	839949m	41.577	ng		
89) Benzo(a)pyrene	26.14	252	821773	42.840	ng	#	97
90) Dibenzo(a,h)anthracene	30.77	278	752178	41.628	ng		98
91) Benzo(g,h,i)perylene	32.08	276	723533	40.437	ng		95

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

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