Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032818\
Data File : BG033402.D
Acq On : 29 Mar 2018 1:14
Operator : SJ/JU
Sample : PB107692BSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB107692BSD

Manual Integrations APPROVED
Sohil
3/29/2018 5:39:06 PM

Quant Time: Mar 29 07:48:05 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 18:34:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	40251	20.00	ng		-0.01
21) Naphthalene-d8	11.75	136	170529	20.00	ng		0.00
38) Acenaphthene-d10	15.49	164	123592	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	317550	20.00	ng		0.00
75) Chrysene-d12	22.57	240	325843	20.00	ng		0.00
86) Perylene-d12	26.33	264	361802	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.30	112	369497	172.13	ng		0.00
7) Phenol-d6	7.99	99	557347	151.11	ng		0.00
23) Nitrobenzene-d5	10.07	82	331284	89.25	ng		0.00
41) 2,4,6-Tribromophenol	16.96	330	266582	144.22	ng		0.00
44) 2-Fluorobiphenyl	14.11	172	819373	95.71	ng		0.00
78) Terphenyl-d14	20.73	244	1410234	92.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.92	88	43762	40.144	ng		88
3) Pyridine	4.39	79	117661	39.045	ng		94
4) n-Nitrosodimethylamine	4.29	42	55878	45.184	ng	#	94
6) Aniline	8.16	93	49286	11.363	ng		95
8) 2-Chlorophenol	8.42	128	129767	52.880	ng		90
9) Benzaldehyde	7.97	77	73590m	31.396	ng		
10) Phenol	8.02	94	190991	52.449	ng		89
11) bis(2-Chloroethyl)ether	8.25	93	128170	43.122	ng		99
12) 1,3-Dichlorobenzene	8.75	146	134905	42.048	ng		96
13) 1,4-Dichlorobenzene	8.90	146	133951	41.689	ng		93
14) 1,2-Dichlorobenzene	9.23	146	137407	43.816	ng		99
15) Benzyl Alcohol	9.11	79	144786	49.859	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.39	45	206864	42.692	ng		89
17) 2-Methylphenol	9.31	107	120203	48.456	ng	#	87
18) Hexachloroethane	9.99	117	53815	43.395	ng		88
19) n-Nitroso-di-n-propylamine	9.68	70	113962	42.167	ng	#	95
20) 3+4-Methylphenols	9.65	107	170758	48.346	ng		91
22) Acetophenone	9.71	105	203747	43.611	ng	#	98
24) Nitrobenzene	10.12	77	181416	45.664	ng		92
25) Isophorone	10.63	82	331512	46.019	ng		99
26) 2-Nitrophenol	10.84	139	77272	51.374	ng	#	87
27) 2,4-Dimethylphenol	10.87	122	135156	61.856	ng		91
28) bis(2-Chloroethoxy)methane	11.11	93	177402	49.356	ng		99
29) 2,4-Dichlorophenol	11.39	162	149150	55.505	ng		96
30) 1,2,4-Trichlorobenzene	11.60	180	153792	44.051	ng		97
31) Naphthalene	11.80	128	398283	45.071	ng		99
32) Benzoic acid	11.07	122	34452m	16.961	ng		
33) 4-Chloroaniline	11.90	127	44234	11.173	ng		95
34) Hexachlorobutadiene	12.06	225	115299	43.671	ng		96
35) Caprolactam	12.67	113	49024	46.569	ng		95
36) 4-Chloro-3-methylphenol	12.97	107	175512	50.079	ng		93
37) 2-Methylnaphthalene	13.35	142	303170	44.201	ng		90
39) 1,2,4,5-Tetrachlorobenzene	13.71	216	208189	46.504	ng		98
40) Hexachlorocyclopentadiene	13.68	237	232859	88.728	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	138741	53.340	ng		97
43) 2,4,5-Trichlorophenol	14.02	196	148854	48.417	ng		97
45) 1,1'-Biphenyl	14.32	154	430544	45.343	ng		97
46) 2-Chloronaphthalene	14.38	162	332064	45.356	ng		97
47) 2-Nitroaniline	14.58	65	133072	48.527	ng		95
48) Acenaphthylene	15.22	152	541138	44.280	ng		99
49) Dimethylphthalate	14.91	163	476927	44.341	ng		100
50) 2,6-Dinitrotoluene	15.05	165	104816	47.659	ng		94
51) Acenaphthene	15.55	154	341009	43.286	ng		97
52) 3-Nitroaniline	15.39	138	42969	18.636	ng	#	97
53) 2,4-Dinitrophenol	15.59	184	24478	27.082	ng		98
54) Dibenzofuran	15.88	168	535516	46.019	ng		92
55) 4-Nitrophenol	15.68	139	151383	93.370	ng		90
56) 2,4-Dinitrotoluene	15.82	165	150429	46.454	ng	#	92
57) Fluorene	16.52	166	447553	45.145	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.10	232	149558	51.673	ng		96
59) Diethylphthalate	16.25	149	472810	45.270	ng		98
60) 4-Chlorophenyl-phenylether	16.50	204	258293	45.324	ng		97
61) 4-Nitroaniline	16.54	138	95142	40.747	ng	#	81
62) Azobenzene	16.79	77	458507	45.319	ng		99
64) 4,6-Dinitro-2-methylphenol	16.58	198	39070	20.567	ng		98
65) n-Nitrosodiphenylamine	16.71	169	424346	46.808	ng		98
66) 4-Bromophenyl-phenylether	17.38	248	176182	47.242	ng		94
67) Hexachlorobenzene	17.52	284	175501	44.591	ng		95
68) Atrazine	17.62	200	173410	47.205	ng		99
69) Pentachlorophenol	17.86	266	175771	65.068	ng		99
70) Phenanthrene	18.26	178	752601	45.507	ng		98
71) Anthracene	18.35	178	789365	47.140	ng		99
72) Carbazole	18.61	167	659184	44.424	ng		99
73) Di-n-butylphthalate	19.10	149	791847	45.847	ng	#	98
74) Fluoranthene	20.21	202	917689	44.841	ng		97
76) Benzidine	20.37	184	192375	21.771	ng		99
77) Pyrene	20.57	202	929490	42.771	ng		98
79) Butylbenzylphthalate	21.43	149	363947	45.383	ng		95
80) Benzo(a)anthracene	22.54	228	949162	45.746	ng		99
81) 3,3'-Dichlorobenzidine	22.43	252	143002	19.368	ng		97
82) Chrysene	22.62	228	899566	44.789	ng		98
83) Bis(2-ethylhexyl)phthalate	22.36	149	518582	46.909	ng		97
84) Di-n-octyl phthalate	23.76	149	889255	52.536	ng		97
85) Indeno(1,2,3-cd)pyrene	30.72	276	1087443	50.078	ng	#	89
87) Benzo(b)fluoranthene	25.12	252	941151	45.025	ng	#	97
88) Benzo(k)fluoranthene	25.20	252	960076	45.413	ng	#	97
89) Benzo(a)pyrene	26.16	252	940740	46.864	ng	#	97
90) Dibenzo(a,h)anthracene	30.79	278	911951	48.229	ng		97
91) Benzo(g,h,i)perylene	32.10	276	903129	48.233	ng	#	94

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

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