Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042718\
Data File : BG034040.D
Acq On : 27 Apr 2018 15:43
Operator : SJ/JU
Sample : J2154-02MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JC-01-042518MS

Manual Integrations APPROVED
Sohil
4/30/2018 7:02:28 PM

Quant Time: Apr 30 15:17:24 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 13:56:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	48238m	20.00	ng		-0.08
21) Naphthalene-d8	10.53	136	229952	20.00	ng		-0.10
38) Acenaphthene-d10	14.39	164	175514	20.00	ng		-0.08
63) Phenanthrene-d10	17.14	188	479236	20.00	ng		-0.08
75) Chrysene-d12	21.39	240	497610	20.00	ng		-0.10
86) Perylene-d12	24.39	264	512153	20.00	ng		-0.17
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	333690	110.44	ng		-0.08
7) Phenol-d6	6.95	99	417727	94.79	ng		-0.05
23) Nitrobenzene-d5	8.90	82	339198	83.95	ng		-0.08
41) 2,4,6-Tribromophenol	15.89	330	324264	158.36	ng		-0.08
44) 2-Fluorobiphenyl	13.01	172	1079124	90.32	ng		-0.09
78) Terphenyl-d14	19.78	244	2089561	94.34	ng		-0.08
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	34537	27.052	ng		87
3) Pyridine	3.72	79	69030	18.687	ng		86
4) n-Nitrosodimethylamine	3.63	42	41972	24.940	ng	#	80
6) Aniline	7.19	93	104490	17.738	ng	#	57
8) 2-Chlorophenol	7.32	128	121245	35.813	ng		95
9) Benzaldehyde	6.91	77	47252m	17.074	ng		
10) Phenol	6.97	94	104865	23.228	ng		92
11) bis(2-Chloroethyl)ether	7.19	93	104490	30.262	ng		88
12) 1,3-Dichlorobenzene	7.64	146	141954	36.424	ng		96
13) 1,4-Dichlorobenzene	7.79	146	151615	38.409	ng		95
14) 1,2-Dichlorobenzene	8.10	146	143897	37.486	ng		96
15) Benzyl Alcohol	8.01	79	97443	25.357	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.28	45	196586	29.191	ng		81
17) 2-Methylphenol	8.21	107	96376m	28.807	ng		
18) Hexachloroethane	8.81	117	56960	39.489	ng		97
19) n-Nitroso-di-n-propylamine	8.55	70	111105	29.577	ng	#	98
20) 3+4-Methylphenols	8.55	107	117409	24.152	ng		88
22) Acetophenone	8.58	105	194181	31.026	ng		95
24) Nitrobenzene	8.95	77	143645	32.624	ng		93
25) Isophorone	9.46	82	330058	36.332	ng	#	93
26) 2-Nitrophenol	9.66	139	60089	34.538	ng		89
27) 2,4-Dimethylphenol	9.73	122	112592	34.599	ng		95
28) bis(2-Chloroethoxy)methane	9.96	93	174678	36.382	ng		96
29) 2,4-Dichlorophenol	10.21	162	127858	35.246	ng		88
30) 1,2,4-Trichlorobenzene	10.40	180	155565	38.288	ng		99
31) Naphthalene	10.58	128	445660	37.688	ng		98
32) Benzoic acid	9.88	122	42207m	16.719	ng		
33) 4-Chloroaniline	10.76	127	12059	2.170	ng	#	91
34) Hexachlorobutadiene	10.87	225	101546	41.778	ng		96
35) Caprolactam	11.50	113	39728m	25.759	ng		
36) 4-Chloro-3-methylphenol	11.85	107	144613	32.662	ng		86
37) 2-Methylnaphthalene	12.20	142	351933	38.872	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.57	216	221968	38.086	ng		97
40) Hexachlorocyclopentadiene	12.55	237	221395	69.087	ng		90

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.83	196	125125	35.213	ng		97
43) 2,4,5-Trichlorophenol	12.91	196	136355	33.378	ng		96
45) 1,1'-Biphenyl	13.22	154	517939	36.455	ng		99
46) 2-Chloronaphthalene	13.26	162	390520	36.250	ng		96
47) 2-Nitroaniline	13.49	65	105393	31.333	ng	#	87
48) Acenaphthylene	14.11	152	652229	36.423	ng		98
49) Dimethylphthalate	13.86	163	589836	38.204	ng		99
50) 2,6-Dinitrotoluene	13.97	165	126043	43.079	ng	#	82
51) Acenaphthene	14.46	154	398492	35.424	ng		99
52) 3-Nitroaniline	14.35	138	16910	5.323	ng	#	83
53) 2,4-Dinitrophenol	14.54	184	29019	27.733	ng	#	67
54) Dibenzofuran	14.79	168	659672	39.554	ng		95
55) 4-Nitrophenol	14.67	139	77566	31.130	ng		88
56) 2,4-Dinitrotoluene	14.77	165	174006	44.723	ng	#	80
57) Fluorene	15.44	166	579229	40.135	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.03	232	172573	46.137	ng		91
59) Diethylphthalate	15.23	149	625961	38.357	ng		98
60) 4-Chlorophenyl-phenylether	15.44	204	312071	41.341	ng		94
61) 4-Nitroaniline	15.51	138	90270	26.761	ng		90
62) Azobenzene	15.74	77	486382	33.435	ng		95
64) 4,6-Dinitro-2-methylphenol	15.54	198	50725	25.499	ng		81
65) n-Nitrosodiphenylamine	15.66	169	516942	37.102	ng		98
66) 4-Bromophenyl-phenylether	16.34	248	201791	38.341	ng		98
67) Hexachlorobenzene	16.44	284	219383	39.087	ng	#	72
68) Atrazine	16.62	200	219286	40.175	ng		97
69) Pentachlorophenol	16.80	266	211848	54.949	ng	#	59
70) Phenanthrene	17.19	178	936649	36.432	ng		98
71) Anthracene	17.28	178	1046066	40.687	ng		98
72) Carbazole	17.56	167	889635	35.867	ng		98
73) Di-n-butylphthalate	18.12	149	1106369	35.855	ng		99
74) Fluoranthene	19.20	202	1225237	39.398	ng		97
76) Benzidine	19.43	184	160993	11.981	ng		97
77) Pyrene	19.57	202	1221397	37.422	ng		95
79) Butylbenzylphthalate	20.48	149	511768	35.705	ng		89
80) Benzo(a)anthracene	21.37	228	1168022	37.224	ng		98
81) 3,3'-Dichlorobenzidine	21.31	252	165298	14.128	ng		95
82) Chrysene	21.44	228	1186104	39.585	ng		98
83) Bis(2-ethylhexyl)phthalate	21.31	149	719560	35.548	ng		97
84) Di-n-octyl phthalate	22.45	149	1224737	38.119	ng		95
85) Indeno(1,2,3-cd)pyrene	27.79	276	1314209	38.531	ng		99
87) Benzo(b)fluoranthene	23.45	252	1143509	36.599	ng		98
88) Benzo(k)fluoranthene	23.50	252	1264675	40.749	ng		99
89) Benzo(a)pyrene	24.25	252	1174349	39.246	ng		99
90) Dibenzo(a,h)anthracene	27.85	278	1089211	37.619	ng		96
91) Benzo(g,h,i)perylene	28.83	276	1107357	38.868	ng		98

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

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