Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012018\
Data File : BG032189.D
Acq On : 20 Jan 2018 21:12
Operator : SJ/JU
Sample : J1188-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OWS-1MS

Manual Integrations APPROVED
Sohil
1/22/2018 5:28:28 PM

Quant Time: Jan 22 05:39:55 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 18 10:13:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.75	152	56989	20.00	ng		0.00
21) Naphthalene-d8	11.62	136	217277	20.00	ng		0.00
38) Acenaphthene-d10	15.38	164	141128	20.00	ng		0.00
63) Phenanthrene-d10	18.11	188	342341	20.00	ng		0.00
75) Chrysene-d12	22.45	240	439318	20.00	ng		0.00
86) Perylene-d12	26.14	264	480357	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.18	112	412378	132.34	ng		0.01
7) Phenol-d6	7.86	99	466820	118.95	ng		0.01
23) Nitrobenzene-d5	9.94	82	348867	108.63	ng		0.00
41) 2,4,6-Tribromophenol	16.86	330	375372	160.74	ng		0.00
44) 2-Fluorobiphenyl	14.01	172	1108525	97.40	ng		0.00
78) Terphenyl-d14	20.64	244	1481773	74.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.85	88	35504	29.659	ng	#	74
3) Pyridine	4.34	79	74088	23.186	ng	#	79
4) n-Nitrosodimethylamine	4.20	42	64875	57.791	ng	#	78
6) Aniline	8.05	93	59919	12.105	ng		96
8) 2-Chlorophenol	8.29	128	157171	45.077	ng		84
9) Benzaldehyde	7.85	77	72825	32.028	ng	#	79
10) Phenol	7.89	94	186914	48.351	ng		96
11) bis(2-Chloroethyl)ether	8.13	93	128280	41.419	ng	#	83
12) 1,3-Dichlorobenzene	8.63	146	192713	42.230	ng		96
13) 1,4-Dichlorobenzene	8.78	146	193012	42.007	ng		92
14) 1,2-Dichlorobenzene	9.12	146	180604	40.639	ng		97
15) Benzyl Alcohol	9.00	79	605518	212.396	ng		95
16) 2,2'-oxybis(1-Chloropropan	9.27	45	127926	40.644	ng		74
17) 2-Methylphenol	9.19	107	169103	57.239	ng		97
18) Hexachloroethane	9.87	117	65402	46.315	ng	#	83
19) n-Nitroso-di-n-propylamine	9.56	70	104058	42.736	ng	#	88
20) 3+4-Methylphenols	9.52	107	217874	53.234	ng		99
22) Acetophenone	9.59	105	231763	46.959	ng	#	92
24) Nitrobenzene	9.99	77	159131	49.674	ng		89
25) Isophorone	10.51	82	287526	48.081	ng	#	85
26) 2-Nitrophenol	10.71	139	96711	50.950	ng	#	86
27) 2,4-Dimethylphenol	10.75	122	156598	51.988	ng		96
28) bis(2-Chloroethoxy)methane	10.99	93	170974	47.453	ng	#	91
29) 2,4-Dichlorophenol	11.26	162	184692	49.830	ng		90
30) 1,2,4-Trichlorobenzene	11.48	180	221133	46.197	ng		99
31) Naphthalene	11.68	128	497358	46.208	ng		99
32) Benzoic acid	11.29	122	2016747m	748.483	ng		
33) 4-Chloroaniline	11.77	127	38370	8.313	ng	#	91
34) Hexachlorobutadiene	11.95	225	165992	48.281	ng		97
35) Caprolactam	12.62	113	37118m	33.010	ng		
36) 4-Chloro-3-methylphenol	12.85	107	172440	50.829	ng	#	86
37) 2-Methylnaphthalene	13.24	142	392143	45.890	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.60	216	299724	48.722	ng	#	97
40) Hexachlorocyclopentadiene	13.57	237	375502	108.373	ng		93

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Quant Time: Jan 22 05:39:55 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 18 10:13:16 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.82	196	184930	53.501	ng		96
43) 2,4,5-Trichlorophenol	13.90	196	198498	49.613	ng	#	91
45) 1,1'-Biphenyl	14.22	154	548678	45.351	ng		94
46) 2-Chloronaphthalene	14.27	162	429926	45.679	ng		97
47) 2-Nitroaniline	14.46	65	99062	54.979	ng	#	79
48) Acenaphthylene	15.11	152	630409	43.985	ng		98
49) Dimethylphthalate	14.81	163	571664	46.289	ng		99
50) 2,6-Dinitrotoluene	14.94	165	125565	48.984	ng	#	74
51) Acenaphthene	15.44	154	509067	53.715	ng		99
52) 3-Nitroaniline	15.27	138	30435	13.146	ng	#	73
53) 2,4-Dinitrophenol	15.47	184	181031	135.491	ng	#	54
54) Dibenzofuran	15.77	168	667097	47.186	ng		98
55) 4-Nitrophenol	15.56	139	171098	101.406	ng	#	79
56) 2,4-Dinitrotoluene	15.72	165	178158	51.622	ng	#	68
57) Fluorene	16.42	166	529917	45.702	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.99	232	208415	56.310	ng	#	84
59) Diethylphthalate	16.15	149	551623	46.074	ng		96
60) 4-Chlorophenyl-phenylether	16.40	204	336565	47.319	ng		95
61) 4-Nitroaniline	16.43	138	101250	45.589	ng		89
62) Azobenzene	16.69	77	349443	46.631	ng		87
64) 4,6-Dinitro-2-methylphenol	16.48	198	119603	53.913	ng	#	70
65) n-Nitrosodiphenylamine	16.61	169	493702	47.526	ng		98
66) 4-Bromophenyl-phenylether	17.29	248	240299	49.334	ng		95
67) Hexachlorobenzene	17.42	284	247722	45.969	ng	#	90
68) Atrazine	17.54	200	182831	41.851	ng		95
69) Pentachlorophenol	17.75	266	342779	99.515	ng		98
70) Phenanthrene	18.16	178	894581	46.934	ng		99
71) Anthracene	18.25	178	916293	48.200	ng		98
72) Carbazole	18.50	167	777536	47.148	ng		99
73) Di-n-butylphthalate	19.02	149	889900	45.667	ng		99
74) Fluoranthene	20.12	202	1148624	48.131	ng		94
76) Benzidine	20.28	184	37889	3.449	ng	#	87
77) Pyrene	20.48	202	1166101	42.224	ng		98
79) Butylbenzylphthalate	21.34	149	424212	42.872	ng	#	76
80) Benzo(a)anthracene	22.43	228	1285136	47.038	ng		99
81) 3,3'-Dichlorobenzidine	22.32	252	124513	12.200	ng	#	97
82) Chrysene	22.50	228	1205136	45.930	ng		97
83) Bis(2-ethylhexyl)phthalate	22.26	149	596886	41.136	ng	#	96
84) Di-n-octyl phthalate	23.65	149	1036340	44.970	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.44	276	1646942	51.290	ng	#	70
87) Benzo(b)fluoranthene	24.96	252	1398945	48.181	ng	#	96
88) Benzo(k)fluoranthene	25.04	252	1321925	46.593	ng	#	95
89) Benzo(a)pyrene	25.98	252	1341153	48.829	ng	#	97
90) Dibenzo(a,h)anthracene	30.53	278	1380475	52.158	ng	#	94
91) Benzo(g,h,i)perylene	31.79	276	1383160	51.130	ng	#	92

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

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