Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012018\
Data File : BG032190.D
Acq On : 20 Jan 2018 21:50
Operator : SJ/JU
Sample : J1188-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OWS-1MSD

Manual Integrations APPROVED
Sohil
1/22/2018 5:28:31 PM

Quant Time: Jan 22 05:42:20 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	51658	20.00	ng		0.00
21) Naphthalene-d8	11.63	136	201208	20.00	ng		0.00
38) Acenaphthene-d10	15.38	164	130466	20.00	ng		0.00
63) Phenanthrene-d10	18.11	188	331115	20.00	ng		0.00
75) Chrysene-d12	22.45	240	417987	20.00	ng		0.00
86) Perylene-d12	26.15	264	452790	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.18	112	365604	129.44	ng		0.00
7) Phenol-d6	7.86	99	422716	118.83	ng		0.00
23) Nitrobenzene-d5	9.94	82	301809	101.48	ng		0.00
41) 2,4,6-Tribromophenol	16.86	330	339060	157.05	ng		0.00
44) 2-Fluorobiphenyl	14.01	172	986435	93.75	ng		0.00
78) Terphenyl-d14	20.65	244	1423745	75.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.85	88	32663	30.101	ng	#	76
3) Pyridine	4.33	79	65985	22.781	ng	#	83
4) n-Nitrosodimethylamine	4.20	42	58579	57.568	ng	#	80
6) Aniline	8.04	93	51087	11.386	ng		90
8) 2-Chlorophenol	8.29	128	146851	46.463	ng	#	81
9) Benzaldehyde	7.84	77	71887	34.878	ng		85
10) Phenol	7.89	94	171730	49.007	ng		94
11) bis(2-Chloroethyl)ether	8.13	93	120039	42.758	ng	#	80
12) 1,3-Dichlorobenzene	8.63	146	180086	43.536	ng		94
13) 1,4-Dichlorobenzene	8.78	146	176719	42.430	ng		94
14) 1,2-Dichlorobenzene	9.12	146	168039	41.714	ng		96
15) Benzyl Alcohol	9.00	79	486983	188.446	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.27	45	121000	42.411	ng		75
17) 2-Methylphenol	9.19	107	151048	56.403	ng		97
18) Hexachloroethane	9.87	117	58528	45.724	ng	#	81
19) n-Nitroso-di-n-propylamine	9.56	70	95369	43.209	ng	#	89
20) 3+4-Methylphenols	9.52	107	194765	52.499	ng		99
22) Acetophenone	9.59	105	212849	46.571	ng	#	92
24) Nitrobenzene	9.99	77	146275	49.308	ng	#	86
25) Isophorone	10.51	82	262299	47.365	ng	#	88
26) 2-Nitrophenol	10.71	139	88665	50.441	ng	#	82
27) 2,4-Dimethylphenol	10.75	122	142456	51.070	ng		93
28) bis(2-Chloroethoxy)methane	10.99	93	153530	46.015	ng	#	94
29) 2,4-Dichlorophenol	11.26	162	176832	51.520	ng		90
30) 1,2,4-Trichlorobenzene	11.48	180	205051	46.258	ng		98
31) Naphthalene	11.68	128	456030	45.752	ng		99
32) Benzoic acid	11.24	122	1638244	657.211	ng		86
33) 4-Chloroaniline	11.78	127	30760	7.197	ng	#	90
34) Hexachlorobutadiene	11.94	225	154649	48.574	ng		97
35) Caprolactam	12.61	113	36677m	35.223	ng		
36) 4-Chloro-3-methylphenol	12.85	107	161321	51.349	ng	#	87
37) 2-Methylnaphthalene	13.24	142	360014	45.495	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.60	216	276473	48.615	ng		95
40) Hexachlorocyclopentadiene	13.57	237	362481	113.165	ng		93

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Quant Time: Jan 22 05:42:20 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
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	13.82	196	169273	52.974	ng		95
43) 2,4,5-Trichlorophenol	13.90	196	189949	51.356	ng	#	90
45) 1,1'-Biphenyl	14.22	154	506256	45.264	ng		95
46) 2-Chloronaphthalene	14.27	162	400857	46.071	ng		95
47) 2-Nitroaniline	14.46	65	94817	56.924	ng	#	71
48) Acenaphthylene	15.11	152	588038	44.381	ng		98
49) Dimethylphthalate	14.81	163	554536	48.572	ng	#	98
50) 2,6-Dinitrotoluene	14.94	165	118647	50.067	ng	#	74
51) Acenaphthene	15.44	154	480113	54.800	ng		96
52) 3-Nitroaniline	15.27	138	20498	9.577	ng	#	76
53) 2,4-Dinitrophenol	15.47	184	177754	143.478	ng	#	52
54) Dibenzofuran	15.77	168	627527	48.014	ng		99
55) 4-Nitrophenol	15.56	139	166238	106.577	ng	#	80
56) 2,4-Dinitrotoluene	15.72	165	167552	52.517	ng	#	67
57) Fluorene	16.42	166	498431	46.500	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.99	232	196938	57.558	ng	#	84
59) Diethylphthalate	16.15	149	516048	46.625	ng		97
60) 4-Chlorophenyl-phenylether	16.40	204	314209	47.786	ng		93
61) 4-Nitroaniline	16.43	138	94194	45.878	ng		91
62) Azobenzene	16.69	77	330674	47.733	ng		86
64) 4,6-Dinitro-2-methylphenol	16.48	198	115382	53.786	ng	#	71
65) n-Nitrosodiphenylamine	16.61	169	462420	46.024	ng		98
66) 4-Bromophenyl-phenylether	17.29	248	228141	48.426	ng		95
67) Hexachlorobenzene	17.42	284	236574	45.389	ng	#	89
68) Atrazine	17.54	200	173384	41.034	ng		95
69) Pentachlorophenol	17.75	266	330228	99.121	ng		99
70) Phenanthrene	18.16	178	857154	46.495	ng		99
71) Anthracene	18.25	178	874599	47.566	ng		100
72) Carbazole	18.50	167	747993	46.895	ng		99
73) Di-n-butylphthalate	19.02	149	865848	45.939	ng		99
74) Fluoranthene	20.12	202	1113253	48.231	ng		94
76) Benzidine	20.30	184	44807	4.287	ng	#	81
77) Pyrene	20.48	202	1124848	42.809	ng		98
79) Butylbenzylphthalate	21.34	149	401065	42.601	ng	#	76
80) Benzo(a)anthracene	22.43	228	1239230	47.672	ng		98
81) 3,3'-Dichlorobenzidine	22.32	252	111144	11.446	ng	#	98
82) Chrysene	22.51	228	1145997	45.905	ng		98
83) Bis(2-ethylhexyl)phthalate	22.27	149	574057	41.582	ng	#	98
84) Di-n-octyl phthalate	23.65	149	992826	45.280	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.46	276	1565743	51.249	ng	#	84
87) Benzo(b)fluoranthene	24.97	252	1304938	47.680	ng	#	96
88) Benzo(k)fluoranthene	25.04	252	1299731	48.600	ng	#	95
89) Benzo(a)pyrene	25.98	252	1267919	48.974	ng	#	96
90) Dibenzo(a,h)anthracene	30.53	278	1311965	52.587	ng	#	95
91) Benzo(g,h,i)perylene	31.81	276	1307330	51.269	ng	#	90

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

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