Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031318\
Data File : BG033121.D
Acq On : 13 Mar 2018 16:26
Operator : SJ/JU
Sample : J1873-04MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-8-COMPMSD

Manual Integrations APPROVED
Sohil
3/14/2018 1:31:39 PM

Quant Time: Mar 13 17:27:16 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 15:10:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	45081	20.00	ng		0.00
21) Naphthalene-d8	11.79	136	194009	20.00	ng		0.00
38) Acenaphthene-d10	15.52	164	110178	20.00	ng		0.00
63) Phenanthrene-d10	18.25	188	259459	20.00	ng		0.00
75) Chrysene-d12	22.61	240	247990	20.00	ng		0.00
86) Perylene-d12	26.40	264	271261	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.33	112	407808	144.72	ng		0.00
7) Phenol-d6	8.01	99	498781	126.99	ng		0.00
23) Nitrobenzene-d5	10.11	82	370435	126.96	ng		0.00
41) 2,4,6-Tribromophenol	17.00	330	235815	203.55	ng		0.00
44) 2-Fluorobiphenyl	14.15	172	782784	102.47	ng		0.00
78) Terphenyl-d14	20.77	244	1218249	110.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.98	88	46715	38.200	ng	#	91
3) Pyridine	4.44	79	123598	36.669	ng		89
4) n-Nitrosodimethylamine	4.33	42	79408	58.761	ng	#	77
6) Aniline	8.20	93	61579	11.583	ng		96
8) 2-Chlorophenol	8.46	128	153799	49.866	ng		97
9) Benzaldehyde	8.00	77	69926	30.891	ng		92
10) Phenol	8.04	94	174202	43.998	ng		98
11) bis(2-Chloroethyl)ether	8.29	93	142241	43.935	ng		99
12) 1,3-Dichlorobenzene	8.80	146	157308	43.546	ng		98
13) 1,4-Dichlorobenzene	8.95	146	160625	44.173	ng		96
14) 1,2-Dichlorobenzene	9.28	146	152899	43.879	ng		97
15) Benzyl Alcohol	9.14	79	140277	48.582	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.43	45	288394	51.817	ng		98
17) 2-Methylphenol	9.34	107	129777	44.450	ng		95
18) Hexachloroethane	10.04	117	58704	47.415	ng		86
19) n-Nitroso-di-n-propylamine	9.72	70	124656	44.956	ng	#	89
20) 3+4-Methylphenols	9.67	107	179455	44.206	ng		97
22) Acetophenone	9.75	105	225959	46.117	ng	#	99
24) Nitrobenzene	10.15	77	179857	56.785	ng		95
25) Isophorone	10.68	82	339666	49.881	ng		97
26) 2-Nitrophenol	10.88	139	84140	67.349	ng		96
27) 2,4-Dimethylphenol	10.91	122	159962	54.075	ng		93
28) bis(2-Chloroethoxy)methane	11.15	93	194566	49.046	ng		95
29) 2,4-Dichlorophenol	11.42	162	148399	55.273	ng		93
30) 1,2,4-Trichlorobenzene	11.65	180	146328	46.495	ng		98
31) Naphthalene	11.85	128	488380	48.175	ng		100
32) Benzoic acid	11.02	122	87199	47.528	ng	#	85
33) 4-Chloroaniline	11.93	127	31060	6.852	ng		95
34) Hexachlorobutadiene	12.11	225	85349	48.348	ng		97
35) Caprolactam	12.68	113	46091	42.874	ng		97
36) 4-Chloro-3-methylphenol	13.00	107	177026	56.660	ng		96
37) 2-Methylnaphthalene	13.40	142	350442	47.781	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.75	216	158016	48.313	ng	#	97
40) Hexachlorocyclopentadiene	13.73	237	185075	111.033	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	115350	55.924	ng		99
43) 2,4,5-Trichlorophenol	14.04	196	128492	53.825	ng		98
45) 1,1'-Biphenyl	14.37	154	439945	45.695	ng		95
46) 2-Chloronaphthalene	14.42	162	335191	46.606	ng		96
47) 2-Nitroaniline	14.60	65	129822	66.745	ng		97
48) Acenaphthylene	15.26	152	557942	47.384	ng		99
49) Dimethylphthalate	14.95	163	448982	47.993	ng		99
50) 2,6-Dinitrotoluene	15.08	165	102595	62.873	ng		95
51) Acenaphthene	15.59	154	384653	52.454	ng		99
52) 3-Nitroaniline	15.41	138	32047	21.644	ng	#	85
53) 2,4-Dinitrophenol	15.61	184	81435	133.084	ng		93
54) Dibenzofuran	15.92	168	525223	50.301	ng		91
55) 4-Nitrophenol	15.68	139	148823	95.628	ng		94
56) 2,4-Dinitrotoluene	15.86	165	145620	70.926	ng	#	87
57) Fluorene	16.56	166	422782	49.057	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.13	232	118604m	63.992	ng		
59) Diethylphthalate	16.29	149	488456	49.503	ng		98
60) 4-Chlorophenyl-phenylether	16.53	204	214980	50.993	ng		91
61) 4-Nitroaniline	16.56	138	92337	45.859	ng		95
62) Azobenzene	16.83	77	452964	51.314	ng		96
64) 4,6-Dinitro-2-methylphenol	16.61	198	65418	72.135	ng		95
65) n-Nitrosodiphenylamine	16.74	169	399402	47.319	ng		99
66) 4-Bromophenyl-phenylether	17.43	248	134885	49.165	ng	#	87
67) Hexachlorobenzene	17.56	284	144593	48.770	ng	#	93
68) Atrazine	17.66	200	147924	53.242	ng		95
69) Pentachlorophenol	17.89	266	186831	100.045	ng		98
70) Phenanthrene	18.30	178	715231	49.411	ng		99
71) Anthracene	18.38	178	724827	49.877	ng		99
72) Carbazole	18.64	167	681508	47.578	ng		98
73) Di-n-butylphthalate	19.14	149	864230	49.180	ng		99
74) Fluoranthene	20.25	202	823730	51.516	ng		96
76) Benzidine	20.40	184	84675	10.017	ng		98
77) Pyrene	20.60	202	832477	47.602	ng		97
79) Butylbenzylphthalate	21.46	149	401899	51.833	ng		95
80) Benzo(a)anthracene	22.58	228	801313	50.389	ng		100
81) 3,3'-Dichlorobenzidine	22.47	252	67298	11.426	ng	#	94
82) Chrysene	22.66	228	754442	49.664	ng		98
83) Bis(2-ethylhexyl)phthalate	22.41	149	575249	50.120	ng		96
84) Di-n-octyl phthalate	23.82	149	978135	55.911	ng		99
85) Indeno(1,2,3-cd)pyrene	30.83	276	850866	48.028	ng		97
87) Benzo(b)fluoranthene	25.18	252	815047	50.817	ng		99
88) Benzo(k)fluoranthene	25.26	252	805100	50.508	ng	#	98
89) Benzo(a)pyrene	26.23	252	780497	51.163	ng	#	97
90) Dibenzo(a,h)anthracene	30.90	278	703291	45.801	ng	#	97
91) Benzo(g,h,i)perylene	32.21	276	730149	48.237	ng	#	95

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

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