Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122717\
Data File : BG031798.D
Acq On : 27 Dec 2017 16:07
Operator : SJ/JU
Sample : PB105354BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB105354BSD

Manual Integrations APPROVED
Sohil
12/28/2017 2:04:26 PM

Quant Time: Dec 28 07:36:21 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 11:08:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.81	152	46573	20.00	ng		-0.03
21) Naphthalene-d8	11.69	136	198536	20.00	ng		-0.03
38) Acenaphthene-d10	15.43	164	145333	20.00	ng		-0.03
63) Phenanthrene-d10	18.17	188	364892	20.00	ng		-0.04
75) Chrysene-d12	22.52	240	432801	20.00	ng		-0.05
86) Perylene-d12	26.26	264	477145	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	6.23	112	205032	80.18	ng		-0.02
7) Phenol-d6	7.91	99	264578	79.70	ng		-0.02
23) Nitrobenzene-d5	10.00	82	202567	77.05	ng		-0.03
41) 2,4,6-Tribromophenol	16.91	330	179306	80.86	ng		-0.03
44) 2-Fluorobiphenyl	14.06	172	772608	66.72	ng		-0.03
78) Terphenyl-d14	20.70	244	1362510	71.92	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.86	88	27680	29.203	ng	#	72
3) Pyridine	4.32	79	78853	31.122	ng	#	77
4) n-Nitrosodimethylamine	4.23	42	32288	31.581	ng	#	78
6) Aniline	8.09	93	36693	8.591	ng		94
8) 2-Chlorophenol	8.35	128	111696	37.658	ng		82
9) Benzaldehyde	7.90	77	32642m	16.329	ng		
10) Phenol	7.93	94	127061	37.909	ng		93
11) bis(2-Chloroethyl)ether	8.19	93	84541	30.371	ng	#	79
12) 1,3-Dichlorobenzene	8.69	146	120367	32.679	ng	#	95
13) 1,4-Dichlorobenzene	8.84	146	121969	32.416	ng		90
14) 1,2-Dichlorobenzene	9.17	146	115211	32.315	ng		96
15) Benzyl Alcohol	9.03	79	87515	35.116	ng		88
16) 2,2'-oxybis(1-Chloropropan	9.33	45	84086	37.094	ng		78
17) 2-Methylphenol	9.24	107	88541	36.920	ng		96
18) Hexachloroethane	9.93	117	36749	32.248	ng	#	83
19) n-Nitroso-di-n-propylamine	9.62	70	67814	29.910	ng	#	82
20) 3+4-Methylphenols	9.57	107	123354	36.190	ng		96
22) Acetophenone	9.65	105	152944	33.158	ng	#	87
24) Nitrobenzene	10.05	77	98049	36.184	ng	#	85
25) Isophorone	10.57	82	188879	33.371	ng	#	88
26) 2-Nitrophenol	10.77	139	59618	41.962	ng	#	81
27) 2,4-Dimethylphenol	10.81	122	111764	37.383	ng		88
28) bis(2-Chloroethoxy)methane	11.05	93	123615	32.550	ng	#	95
29) 2,4-Dichlorophenol	11.31	162	137362	39.137	ng		89
30) 1,2,4-Trichlorobenzene	11.54	180	137551	32.097	ng		98
31) Naphthalene	11.74	128	334328	33.367	ng		98
32) Benzoic acid	10.89	122	55510m	30.124	ng		
33) 4-Chloroaniline	11.83	127	42536	9.535	ng	#	88
34) Hexachlorobutadiene	12.01	225	93343	31.727	ng		98
35) Caprolactam	12.58	113	43412	40.806	ng	#	46
36) 4-Chloro-3-methylphenol	12.90	107	124176	38.308	ng	#	81
37) 2-Methylnaphthalene	13.30	142	280373	34.518	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.65	216	196521	32.103	ng	#	97
40) Hexachlorocyclopentadiene	13.63	237	224805	69.613	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.88	196	125419	35.535	ng		96
43) 2,4,5-Trichlorophenol	13.95	196	138452	35.398	ng	#	89
45) 1,1'-Biphenyl	14.28	154	406368	32.738	ng		97
46) 2-Chloronaphthalene	14.33	162	309093	32.646	ng		95
47) 2-Nitroaniline	14.51	65	65425	40.010	ng	#	70
48) Acenaphthylene	15.16	152	470973	31.093	ng		99
49) Dimethylphthalate	14.86	163	413253	32.277	ng	#	98
50) 2,6-Dinitrotoluene	14.99	165	90106	38.257	ng	#	69
51) Acenaphthene	15.50	154	315442	31.798	ng		98
52) 3-Nitroaniline	15.32	138	44551	19.388	ng	#	69
53) 2,4-Dinitrophenol	15.52	184	39901	43.706	ng	#	1
54) Dibenzofuran	15.83	168	504433	33.172	ng		97
55) 4-Nitrophenol	15.60	139	134694	72.018	ng	#	71
56) 2,4-Dinitrotoluene	15.77	165	128703	42.496	ng	#	61
57) Fluorene	16.47	166	404093	32.711	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.04	232	145966	38.250	ng	#	85
59) Diethylphthalate	16.21	149	398408	31.926	ng		95
60) 4-Chlorophenyl-phenylether	16.45	204	241728	31.981	ng		91
61) 4-Nitroaniline	16.47	138	78104	34.830	ng		81
62) Azobenzene	16.74	77	258873	32.347	ng		82
64) 4,6-Dinitro-2-methylphenol	16.53	198	43191	28.427	ng	#	65
65) n-Nitrosodiphenylamine	16.66	169	380972	31.436	ng		98
66) 4-Bromophenyl-phenylether	17.34	248	177077	33.559	ng		95
67) Hexachlorobenzene	17.47	284	186236	34.526	ng	#	88
68) Atrazine	17.58	200	168259	35.706	ng		99
69) Pentachlorophenol	17.80	266	216280	58.295	ng		99
70) Phenanthrene	18.21	178	695148	33.663	ng		100
71) Anthracene	18.30	178	714512	34.301	ng		99
72) Carbazole	18.56	167	625768	33.941	ng		99
73) Di-n-butylphthalate	19.07	149	691033	33.726	ng		99
74) Fluoranthene	20.17	202	894023	35.284	ng		96
76) Benzidine	20.33	184	130861	9.796	ng		99
77) Pyrene	20.53	202	903409	32.678	ng		98
79) Butylbenzylphthalate	21.40	149	313090	33.736	ng	#	73
80) Benzo(a)anthracene	22.50	228	923793	33.555	ng		99
81) 3,3'-Dichlorobenzidine	22.38	252	178559	16.728	ng	#	97
82) Chrysene	22.57	228	872998	33.514	ng		97
83) Bis(2-ethylhexyl)phthalate	22.34	149	445917	33.164	ng	#	98
84) Di-n-octyl phthalate	23.75	149	779249	34.412	ng	#	87
85) Indeno(1,2,3-cd)pyrene	30.62	276	1193014	35.699	ng	#	86
87) Benzo(b)fluoranthene	25.06	252	1010444	34.116	ng	#	96
88) Benzo(k)fluoranthene	25.15	252	965077	32.559	ng	#	96
89) Benzo(a)pyrene	26.09	252	968772	34.152	ng	#	97
90) Dibenzo(a,h)anthracene	30.71	278	993038	33.896	ng	#	97
91) Benzo(g,h,i)perylene	30.62	276	1193014	34.491	ng	#	93

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

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