Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122917\
Data File : BG031862.D
Acq On : 29 Dec 2017 20:06
Operator : SJ/JU
Sample : IDOC-02 AP
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IDOC-02 AP

Quant Time: Dec 31 21:52:52 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 15:51:46 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	49407	20.00	ng		0.00
21) Naphthalene-d8	11.67	136	215904	20.00	ng		0.00
38) Acenaphthene-d10	15.42	164	152743	20.00	ng		0.00
63) Phenanthrene-d10	18.15	188	390717	20.00	ng		0.00
75) Chrysene-d12	22.50	240	427191	20.00	ng		-0.01
86) Perylene-d12	26.23	264	461194	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.21	112	429544	158.35	ng		0.00
7) Phenol-d6	7.89	99	564691	160.34	ng		0.00
23) Nitrobenzene-d5	9.99	82	307557	107.57	ng		0.00
41) 2,4,6-Tribromophenol	16.90	330	387584	166.30	ng		0.00
44) 2-Fluorobiphenyl	14.05	172	1110997	91.29	ng		0.00
78) Terphenyl-d14	20.69	244	1909739	102.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.86	88	34033	33.846	ng	#	73
3) Pyridine	4.31	79	91071	33.883	ng	#	76
4) n-Nitrosodimethylamine	4.22	42	44250	40.798	ng	#	83
6) Aniline	8.08	93	82417	18.189	ng		90
8) 2-Chlorophenol	8.34	128	146328	46.504	ng	#	81
9) Benzaldehyde	7.88	77	40873	19.274	ng		87
10) Phenol	7.92	94	168347	47.346	ng		90
11) bis(2-Chloroethyl)ether	8.17	93	114570	38.798	ng		84
12) 1,3-Dichlorobenzene	8.67	146	158155	40.475	ng	#	92
13) 1,4-Dichlorobenzene	8.82	146	160002	40.085	ng		93
14) 1,2-Dichlorobenzene	9.16	146	152665	40.364	ng		94
15) Benzyl Alcohol	9.02	79	114431	43.282	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.31	45	119799	49.817	ng		82
17) 2-Methylphenol	9.22	107	119358	46.915	ng		95
18) Hexachloroethane	9.91	117	49034	40.560	ng	#	87
19) n-Nitroso-di-n-propylamine	9.60	70	91284	37.953	ng	#	81
20) 3+4-Methylphenols	9.56	107	166002	45.909	ng		96
22) Acetophenone	9.63	105	204205	40.710	ng	#	84
24) Nitrobenzene	10.03	77	130420	44.258	ng	#	77
25) Isophorone	10.56	82	264359	42.950	ng	#	85
26) 2-Nitrophenol	10.76	139	84699	54.820	ng	#	81
27) 2,4-Dimethylphenol	10.79	122	156811	48.231	ng		89
28) bis(2-Chloroethoxy)methane	11.03	93	166884	40.408	ng	#	93
29) 2,4-Dichlorophenol	11.30	162	178107	46.664	ng		91
30) 1,2,4-Trichlorobenzene	11.53	180	183366	39.346	ng		99
31) Naphthalene	11.73	128	445582	40.894	ng		98
32) Benzoic acid	10.89	122	78242	37.063	ng	#	79
33) 4-Chloroaniline	11.81	127	84011	17.318	ng	#	89
34) Hexachlorobutadiene	12.00	225	121803	38.070	ng		99
35) Caprolactam	12.57	113	59547	51.469	ng	#	50
36) 4-Chloro-3-methylphenol	12.89	107	168121	47.693	ng	#	81
37) 2-Methylnaphthalene	13.28	142	373950	42.335	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.64	216	249167	38.729	ng	#	98
40) Hexachlorocyclopentadiene	13.61	237	276321	81.414	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.86	196	167553	45.170	ng		96
43) 2,4,5-Trichlorophenol	13.93	196	184402	44.858	ng	#	90
45) 1,1'-Biphenyl	14.26	154	536393	41.116	ng		94
46) 2-Chloronaphthalene	14.31	162	402699	40.469	ng		94
47) 2-Nitroaniline	14.50	65	90317	52.553	ng	#	56
48) Acenaphthylene	15.15	152	629277	39.529	ng		100
49) Dimethylphthalate	14.85	163	617515	45.891	ng		99
50) 2,6-Dinitrotoluene	14.97	165	124645	50.354	ng	#	64
51) Acenaphthene	15.49	154	469464	45.028	ng		97
52) 3-Nitroaniline	15.30	138	67612	27.996	ng	#	69
53) 2,4-Dinitrophenol	15.50	184	144027	131.525	ng	#	71
54) Dibenzofuran	15.81	168	662265	41.438	ng		97
55) 4-Nitrophenol	15.59	139	200769	102.139	ng	#	67
56) 2,4-Dinitrotoluene	15.75	165	178922	56.211	ng	#	63
57) Fluorene	16.46	166	529636	40.794	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.03	232	194572	48.514	ng	#	85
59) Diethylphthalate	16.19	149	534711	40.770	ng		95
60) 4-Chlorophenyl-phenylether	16.43	204	318710	40.120	ng		94
61) 4-Nitroaniline	16.46	138	105918	44.942	ng		77
62) Azobenzene	16.73	77	346316	41.174	ng		83
64) 4,6-Dinitro-2-methylphenol	16.51	198	98294	51.070	ng	#	65
65) n-Nitrosodiphenylamine	16.64	169	503387	38.792	ng		99
66) 4-Bromophenyl-phenylether	17.32	248	231318	40.941	ng		94
67) Hexachlorobenzene	17.45	284	243095	42.089	ng	#	89
68) Atrazine	17.57	200	219409	43.483	ng		97
69) Pentachlorophenol	17.79	266	329844	83.028	ng		99
70) Phenanthrene	18.19	178	904891	40.924	ng		97
71) Anthracene	18.28	178	932771	41.819	ng		99
72) Carbazole	18.54	167	814188	41.241	ng		100
73) Di-n-butylphthalate	19.05	149	911642	41.552	ng		99
74) Fluoranthene	20.16	202	1123555	41.412	ng		96
76) Benzidine	20.31	184	255689	19.392	ng		98
77) Pyrene	20.51	202	1128022	41.338	ng		98
79) Butylbenzylphthalate	21.38	149	401038	43.780	ng	#	75
80) Benzo(a)anthracene	22.48	228	1126096	41.440	ng		99
81) 3,3'-Dichlorobenzidine	22.37	252	256735	24.368	ng	#	98
82) Chrysene	22.55	228	1052737	40.945	ng		98
83) Bis(2-ethylhexyl)phthalate	22.32	149	553982	41.743	ng	#	95
84) Di-n-octyl phthalate	23.72	149	942183	42.154	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.58	276	1425648	43.221	ng	#	90
87) Benzo(b)fluoranthene	25.03	252	1186918	41.460	ng	#	97
88) Benzo(k)fluoranthene	25.12	252	1144864	39.960	ng	#	97
89) Benzo(a)pyrene	26.06	252	1156530	42.182	ng	#	97
90) Dibenzo(a,h)anthracene	30.66	278	1176945	41.563	ng		96
91) Benzo(g,h,i)perylene	30.58	276	1425648	42.642	ng	#	93

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

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