Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122817\
Data File : BG031844.D
Acq On : 29 Dec 2017 3:33
Operator : SJ/JU
Sample : IDOC-02 RJ
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
IDOC-02 RJ

Manual Integrations APPROVED
Sohil
12/29/2017 1:25:57 PM

Quant Time: Dec 29 07:22:40 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	65022	20.00	ng		-0.03
21) Naphthalene-d8	11.69	136	273638	20.00	ng		-0.03
38) Acenaphthene-d10	15.43	164	185326	20.00	ng		-0.03
63) Phenanthrene-d10	18.17	188	434738	20.00	ng		-0.04
75) Chrysene-d12	22.51	240	491291	20.00	ng		-0.06
86) Perylene-d12	26.27	264	545778	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	6.23	112	411377	115.23	ng		-0.02
7) Phenol-d6	7.91	99	537979	116.07	ng		-0.02
23) Nitrobenzene-d5	10.00	82	293060	80.87	ng		-0.03
41) 2,4,6-Tribromophenol	16.91	330	331763	117.32	ng		-0.03
44) 2-Fluorobiphenyl	14.06	172	1033076	69.97	ng		-0.03
78) Terphenyl-d14	20.70	244	1666593	77.50	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.88	88	35546	26.861	ng	#	75
3) Pyridine	4.33	79	49064	13.871	ng	#	82
4) n-Nitrosodimethylamine	4.23	42	47026	32.945	ng	#	77
6) Aniline	8.09	93	96001	16.099	ng		92
8) 2-Chlorophenol	8.35	128	154435	37.294	ng		82
9) Benzaldehyde	7.90	77	45782	16.404	ng		88
10) Phenol	7.94	94	178667	38.181	ng		92
11) bis(2-Chloroethyl)ether	8.19	93	121623	31.296	ng	#	80
12) 1,3-Dichlorobenzene	8.69	146	169747	33.009	ng	#	93
13) 1,4-Dichlorobenzene	8.84	146	172781	32.891	ng		96
14) 1,2-Dichlorobenzene	9.18	146	166949	33.541	ng		96
15) Benzyl Alcohol	9.03	79	124232	35.705	ng		90
16) 2,2'-oxybis(1-Chloropropan	9.33	45	125790	39.747	ng		86
17) 2-Methylphenol	9.23	107	125684	37.538	ng		95
18) Hexachloroethane	9.93	117	54349	34.160	ng		87
19) n-Nitroso-di-n-propylamine	9.62	70	95349	30.122	ng	#	83
20) 3+4-Methylphenols	9.57	107	175484	36.877	ng		93
22) Acetophenone	9.65	105	217292	34.179	ng	#	86
24) Nitrobenzene	10.05	77	139968	37.477	ng	#	82
25) Isophorone	10.57	82	273073	35.005	ng	#	87
26) 2-Nitrophenol	10.77	139	94549	48.284	ng	#	77
27) 2,4-Dimethylphenol	10.81	122	170491	41.375	ng		86
28) bis(2-Chloroethoxy)methane	11.05	93	173166	33.083	ng	#	94
29) 2,4-Dichlorophenol	11.31	162	186311	38.514	ng		91
30) 1,2,4-Trichlorobenzene	11.54	180	199005	33.692	ng		97
31) Naphthalene	11.74	128	469088	33.968	ng		99
32) Benzoic acid	10.94	122	26125m	14.695	ng		
33) 4-Chloroaniline	11.83	127	106552	17.330	ng	#	91
34) Hexachlorobutadiene	12.01	225	134626	33.200	ng		98
35) Caprolactam	12.58	113	52861	36.050	ng	#	44
36) 4-Chloro-3-methylphenol	12.90	107	164754	36.877	ng	#	82
37) 2-Methylnaphthalene	13.30	142	389303	34.774	ng		91
39) 1,2,4,5-Tetrachlorobenzene	13.65	216	269842	34.568	ng	#	97
40) Hexachlorocyclopentadiene	13.63	237	308070	74.810	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.88	196	167685	37.258	ng		99
43) 2,4,5-Trichlorophenol	13.95	196	182286	36.547	ng	#	92
45) 1,1'-Biphenyl	14.28	154	554056	35.003	ng		96
46) 2-Chloronaphthalene	14.33	162	412232	34.144	ng		94
47) 2-Nitroaniline	14.51	65	88278	42.336	ng	#	64
48) Acenaphthylene	15.16	152	621747	32.189	ng		98
49) Dimethylphthalate	14.86	163	599326	36.709	ng		98
50) 2,6-Dinitrotoluene	14.99	165	120338	40.067	ng	#	66
51) Acenaphthene	15.50	154	408958	32.329	ng		96
52) 3-Nitroaniline	15.32	138	78798	26.891	ng	#	73
53) 2,4-Dinitrophenol	15.52	184	27733	27.295	ng	#	1
54) Dibenzofuran	15.83	168	652202	33.634	ng		98
55) 4-Nitrophenol	15.60	139	165901	69.561	ng	#	70
56) 2,4-Dinitrotoluene	15.77	165	166768	43.181	ng	#	63
57) Fluorene	16.47	166	514899	32.686	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.04	232	184007	37.813	ng	#	83
59) Diethylphthalate	16.21	149	509387	32.011	ng		94
60) 4-Chlorophenyl-phenylether	16.45	204	309458	32.106	ng		92
61) 4-Nitroaniline	16.47	138	106069	37.094	ng	#	78
62) Azobenzene	16.74	77	337685	33.090	ng		82
64) 4,6-Dinitro-2-methylphenol	16.52	198	44159	25.572	ng	#	67
65) n-Nitrosodiphenylamine	16.66	169	484912	33.584	ng		98
66) 4-Bromophenyl-phenylether	17.34	248	222573	35.405	ng		93
67) Hexachlorobenzene	17.47	284	230822	35.917	ng	#	91
68) Atrazine	17.58	200	203090	36.174	ng		98
69) Pentachlorophenol	17.80	266	259107	58.618	ng		99
70) Phenanthrene	18.21	178	843272	34.275	ng		99
71) Anthracene	18.30	178	867042	34.936	ng		99
72) Carbazole	18.55	167	747663	34.037	ng		99
73) Di-n-butylphthalate	19.06	149	833502	34.144	ng		99
74) Fluoranthene	20.17	202	1050063	34.784	ng		95
76) Benzidine	20.33	184	179114	11.812	ng		98
77) Pyrene	20.53	202	1059216	33.752	ng		98
79) Butylbenzylphthalate	21.39	149	379576	36.030	ng	#	76
80) Benzo(a)anthracene	22.50	228	1088294	34.824	ng		98
81) 3,3'-Dichlorobenzidine	22.38	252	273406	22.564	ng	#	97
82) Chrysene	22.57	228	1019921	34.493	ng		98
83) Bis(2-ethylhexyl)phthalate	22.34	149	541303	35.466	ng	#	97
84) Di-n-octyl phthalate	23.75	149	935055	36.377	ng	#	87
85) Indeno(1,2,3-cd)pyrene	30.63	276	1408634	37.133	ng	#	89
87) Benzo(b)fluoranthene	25.06	252	1172013	34.594	ng	#	97
88) Benzo(k)fluoranthene	25.15	252	1142093	33.685	ng	#	97
89) Benzo(a)pyrene	26.09	252	1137074	35.045	ng	#	97
90) Dibenzo(a,h)anthracene	30.71	278	1163143	34.710	ng	#	96
91) Benzo(g,h,i)perylene	30.63	276	1408634	35.604	ng	#	94

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

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