Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122817\
Data File : BG031849.D
Acq On : 29 Dec 2017 6:40
Operator : SJ/JU
Sample : IDOC-03 AP
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
IDOC-03 AP

Manual Integrations APPROVED
Sohil
12/29/2017 1:26:16 PM

Quant Time: Dec 29 07:32:44 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	57238	20.00	ng		-0.03
21) Naphthalene-d8	11.69	136	240713	20.00	ng		-0.03
38) Acenaphthene-d10	15.43	164	159707	20.00	ng		-0.03
63) Phenanthrene-d10	18.17	188	386897	20.00	ng		-0.04
75) Chrysene-d12	22.51	240	434330	20.00	ng		-0.06
86) Perylene-d12	26.26	264	477083	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	6.23	112	437694	139.28	ng		-0.02
7) Phenol-d6	7.91	99	577261	141.48	ng		-0.02
23) Nitrobenzene-d5	10.00	82	316080	99.15	ng		-0.03
41) 2,4,6-Tribromophenol	16.91	330	354335	145.40	ng		-0.03
44) 2-Fluorobiphenyl	14.06	172	1099348	86.40	ng		-0.03
78) Terphenyl-d14	20.70	244	1757054	92.42	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.88	88	35081	30.115	ng	#	73
3) Pyridine	4.33	79	150678	48.390	ng	#	78
4) n-Nitrosodimethylamine	4.23	42	44281	35.241	ng	#	81
6) Aniline	8.09	93	61721	11.758	ng	#	90
8) 2-Chlorophenol	8.35	128	146282	40.129	ng	#	81
9) Benzaldehyde	7.90	77	41123	16.739	ng		86
10) Phenol	7.94	94	170694	41.438	ng		92
11) bis(2-Chloroethyl)ether	8.19	93	119143	34.827	ng	#	78
12) 1,3-Dichlorobenzene	8.69	146	164989	36.447	ng	#	94
13) 1,4-Dichlorobenzene	8.84	146	165334	35.754	ng		96
14) 1,2-Dichlorobenzene	9.18	146	161208	36.792	ng		95
15) Benzyl Alcohol	9.03	79	117620	38.402	ng		90
16) 2,2'-oxybis(1-Chloropropan	9.33	45	118954	42.698	ng		82
17) 2-Methylphenol	9.23	107	120236	40.794	ng		94
18) Hexachloroethane	9.93	117	51598	36.841	ng	#	87
19) n-Nitroso-di-n-propylamine	9.62	70	94605	33.952	ng	#	82
20) 3+4-Methylphenols	9.57	107	165419	39.489	ng		94
22) Acetophenone	9.65	105	207748	37.148	ng	#	86
24) Nitrobenzene	10.05	77	134600	40.969	ng	#	84
25) Isophorone	10.57	82	257769	37.563	ng	#	84
26) 2-Nitrophenol	10.77	139	87311	50.686	ng	#	84
27) 2,4-Dimethylphenol	10.81	122	155869	43.001	ng		92
28) bis(2-Chloroethoxy)methane	11.05	93	168533	36.601	ng	#	96
29) 2,4-Dichlorophenol	11.31	162	178372	41.917	ng		91
30) 1,2,4-Trichlorobenzene	11.54	180	186804	35.953	ng		97
31) Naphthalene	11.74	128	449629	37.012	ng		98
32) Benzoic acid	10.87	122	47702m	23.301	ng		
33) 4-Chloroaniline	11.83	127	64985	12.015	ng	#	90
34) Hexachlorobutadiene	12.01	225	126162	35.369	ng		98
35) Caprolactam	12.58	113	52962	41.059	ng	#	49
36) 4-Chloro-3-methylphenol	12.90	107	160954	40.954	ng	#	84
37) 2-Methylnaphthalene	13.30	142	371026	37.675	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.65	216	253951	37.751	ng	#	97
40) Hexachlorocyclopentadiene	13.63	237	308734	86.998	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.88	196	162607	41.925	ng		99
43) 2,4,5-Trichlorophenol	13.95	196	174110	40.508	ng	#	91
45) 1,1'-Biphenyl	14.28	154	520888	38.187	ng		96
46) 2-Chloronaphthalene	14.33	162	394867	37.952	ng		95
47) 2-Nitroaniline	14.51	65	83729	46.596	ng	#	66
48) Acenaphthylene	15.16	152	592581	35.601	ng		99
49) Dimethylphthalate	14.86	163	584108	41.516	ng		99
50) 2,6-Dinitrotoluene	14.99	165	115413	44.591	ng	#	65
51) Acenaphthene	15.50	154	408158	37.441	ng		97
52) 3-Nitroaniline	15.32	138	55125	21.830	ng	#	75
53) 2,4-Dinitrophenol	15.52	184	63325	59.730	ng	#	37
54) Dibenzofuran	15.83	168	623436	37.308	ng		97
55) 4-Nitrophenol	15.60	139	163732	79.665	ng	#	68
56) 2,4-Dinitrotoluene	15.76	165	162636	48.867	ng	#	63
57) Fluorene	16.47	166	494739	36.444	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.04	232	176026	41.976	ng	#	85
59) Diethylphthalate	16.20	149	488927	35.654	ng		97
60) 4-Chlorophenyl-phenylether	16.45	204	297499	35.817	ng		91
61) 4-Nitroaniline	16.47	138	94162	38.212	ng		77
62) Azobenzene	16.74	77	322260	36.644	ng		82
64) 4,6-Dinitro-2-methylphenol	16.52	198	67238	37.848	ng	#	68
65) n-Nitrosodiphenylamine	16.66	169	454075	35.337	ng		99
66) 4-Bromophenyl-phenylether	17.34	248	214620	38.361	ng		92
67) Hexachlorobenzene	17.47	284	222892	38.972	ng	#	89
68) Atrazine	17.58	200	182288	36.483	ng		95
69) Pentachlorophenol	17.80	266	264261	67.176	ng		98
70) Phenanthrene	18.21	178	808044	36.905	ng		99
71) Anthracene	18.30	178	825798	37.389	ng		99
72) Carbazole	18.55	167	711916	36.417	ng		100
73) Di-n-butylphthalate	19.06	149	795244	36.605	ng		99
74) Fluoranthene	20.17	202	997393	37.125	ng		96
76) Benzidine	20.32	184	94724	7.066	ng		98
77) Pyrene	20.52	202	1013543	36.532	ng		98
79) Butylbenzylphthalate	21.39	149	358292	38.470	ng	#	76
80) Benzo(a)anthracene	22.49	228	1035437	37.477	ng		98
81) 3,3'-Dichlorobenzidine	22.38	252	154377	14.412	ng	#	97
82) Chrysene	22.57	228	974833	37.291	ng		98
83) Bis(2-ethylhexyl)phthalate	22.34	149	512100	37.953	ng	#	99
84) Di-n-octyl phthalate	23.74	149	893421	39.315	ng	#	87
85) Indeno(1,2,3-cd)pyrene	30.62	276	1329229	39.636	ng	#	88
87) Benzo(b)fluoranthene	25.06	252	1116161	37.690	ng	#	97
88) Benzo(k)fluoranthene	25.14	252	1080662	36.463	ng	#	97
89) Benzo(a)pyrene	26.09	252	1087201	38.332	ng	#	96
90) Dibenzo(a,h)anthracene	30.70	278	1085594	37.061	ng	#	96
91) Benzo(g,h,i)perylene	30.62	276	1329229	38.434	ng	#	92

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

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