Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122817\
Data File : BG031850.D
Acq On : 29 Dec 2017 7:17
Operator : SJ/JU
Sample : IDOC-04 AP
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
IDOC-04 AP

Manual Integrations APPROVED
Sohil
12/29/2017 1:26:21 PM

Quant Time: Dec 29 08:09:22 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	56743	20.00	ng		-0.03
21) Naphthalene-d8	11.69	136	240875	20.00	ng		-0.03
38) Acenaphthene-d10	15.43	164	160068	20.00	ng		-0.03
63) Phenanthrene-d10	18.16	188	384264	20.00	ng		-0.04
75) Chrysene-d12	22.51	240	444182	20.00	ng		-0.06
86) Perylene-d12	26.26	264	488121	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	6.23	112	296372	95.13	ng		-0.02
7) Phenol-d6	7.91	99	397578	98.29	ng		-0.02
23) Nitrobenzene-d5	10.00	82	213801	67.02	ng		-0.04
41) 2,4,6-Tribromophenol	16.91	330	246713	101.01	ng		-0.03
44) 2-Fluorobiphenyl	14.06	172	787967	61.79	ng		-0.03
78) Terphenyl-d14	20.70	244	1316381	67.71	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.88	88	26557	22.996	ng	#	71
3) Pyridine	4.33	79	116752	37.822	ng	#	81
4) n-Nitrosodimethylamine	4.23	42	32629	26.194	ng	#	82
6) Aniline	8.09	93	44671	8.584	ng		91
8) 2-Chlorophenol	8.35	128	109873	30.404	ng	#	79
9) Benzaldehyde	7.90	77	31894m	13.095	ng		
10) Phenol	7.93	94	127363	31.189	ng		91
11) bis(2-Chloroethyl)ether	8.19	93	88240	26.019	ng	#	82
12) 1,3-Dichlorobenzene	8.69	146	118327	26.367	ng	#	93
13) 1,4-Dichlorobenzene	8.84	146	122980	26.827	ng		93
14) 1,2-Dichlorobenzene	9.17	146	116755	26.879	ng		94
15) Benzyl Alcohol	9.03	79	86635	28.532	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.33	45	90792	32.874	ng		77
17) 2-Methylphenol	9.23	107	89531	30.641	ng		96
18) Hexachloroethane	9.93	117	38380	27.643	ng	#	85
19) n-Nitroso-di-n-propylamine	9.62	70	69001	24.979	ng	#	83
20) 3+4-Methylphenols	9.57	107	122763	29.562	ng		96
22) Acetophenone	9.65	105	154875	27.675	ng	#	86
24) Nitrobenzene	10.04	77	99469	30.256	ng	#	84
25) Isophorone	10.57	82	195657	28.493	ng	#	87
26) 2-Nitrophenol	10.77	139	62698	36.373	ng	#	80
27) 2,4-Dimethylphenol	10.80	122	117336	32.348	ng		91
28) bis(2-Chloroethoxy)methane	11.05	93	125027	27.135	ng	#	94
29) 2,4-Dichlorophenol	11.31	162	131513	30.884	ng		89
30) 1,2,4-Trichlorobenzene	11.54	180	139915	26.910	ng		96
31) Naphthalene	11.74	128	337964	27.801	ng		98
32) Benzoic acid	10.92	122	18780m	13.228	ng		
33) 4-Chloroaniline	11.83	127	50143	9.265	ng		92
34) Hexachlorobutadiene	12.01	225	92107	25.804	ng		97
35) Caprolactam	12.57	113	36814	28.521	ng	#	45
36) 4-Chloro-3-methylphenol	12.89	107	117621	29.908	ng	#	79
37) 2-Methylnaphthalene	13.29	142	285175	28.938	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.65	216	193059	28.634	ng	#	96
40) Hexachlorocyclopentadiene	13.63	237	227772	64.039	ng		91

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.88	196	123407	31.746	ng		96
43) 2,4,5-Trichlorophenol	13.95	196	131829	30.602	ng	#	89
45) 1,1'-Biphenyl	14.27	154	398770	29.168	ng		95
46) 2-Chloronaphthalene	14.33	162	297406	28.520	ng		95
47) 2-Nitroaniline	14.51	65	63043	35.005	ng	#	58
48) Acenaphthylene	15.16	152	452446	27.120	ng		99
49) Dimethylphthalate	14.86	163	456027	32.339	ng	#	99
50) 2,6-Dinitrotoluene	14.99	165	85417	32.927	ng	#	66
51) Acenaphthene	15.50	154	308849	28.267	ng		98
52) 3-Nitroaniline	15.32	138	46485	18.367	ng	#	75
53) 2,4-Dinitrophenol	15.52	184	49990	48.666	ng	#	54
54) Dibenzofuran	15.83	168	478660	28.579	ng		96
55) 4-Nitrophenol	15.59	139	121445	58.956	ng	#	71
56) 2,4-Dinitrotoluene	15.76	165	120929	36.253	ng	#	64
57) Fluorene	16.47	166	377567	27.750	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.04	232	132643	31.559	ng	#	85
59) Diethylphthalate	16.20	149	371547	27.033	ng		96
60) 4-Chlorophenyl-phenylether	16.44	204	226422	27.198	ng		93
61) 4-Nitroaniline	16.47	138	74519	30.172	ng	#	74
62) Azobenzene	16.74	77	247317	28.059	ng		84
64) 4,6-Dinitro-2-methylphenol	16.52	198	51728	31.189	ng	#	67
65) n-Nitrosodiphenylamine	16.65	169	347272	27.211	ng		97
66) 4-Bromophenyl-phenylether	17.34	248	162533	29.250	ng	#	91
67) Hexachlorobenzene	17.47	284	167964	29.569	ng	#	89
68) Atrazine	17.58	200	138869	27.984	ng		99
69) Pentachlorophenol	17.80	266	204621	52.372	ng		99
70) Phenanthrene	18.21	178	622162	28.610	ng		99
71) Anthracene	18.29	178	638529	29.108	ng		98
72) Carbazole	18.55	167	549421	28.297	ng		98
73) Di-n-butylphthalate	19.06	149	618084	28.645	ng		99
74) Fluoranthene	20.17	202	781493	29.288	ng		96
76) Benzidine	20.32	184	35978	2.624	ng	#	95
77) Pyrene	20.52	202	791274	27.888	ng		98
79) Butylbenzylphthalate	21.39	149	277498	29.135	ng	#	74
80) Benzo(a)anthracene	22.49	228	809568	28.652	ng		99
81) 3,3'-Dichlorobenzidine	22.38	252	120632	11.012	ng	#	99
82) Chrysene	22.57	228	759716	28.418	ng		98
83) Bis(2-ethylhexyl)phthalate	22.34	149	402137	29.142	ng	#	97
84) Di-n-octyl phthalate	23.73	149	688155	29.611	ng	#	87
85) Indeno(1,2,3-cd)pyrene	30.60	276	1016691	29.644	ng	#	85
87) Benzo(b)fluoranthene	25.06	252	853872	28.181	ng	#	96
88) Benzo(k)fluoranthene	25.13	252	850285	28.041	ng	#	97
89) Benzo(a)pyrene	26.08	252	843499	29.067	ng	#	97
90) Dibenzo(a,h)anthracene	30.70	278	838890	27.991	ng	#	96
91) Benzo(g,h,i)perylene	30.60	276	1016691	28.733	ng	#	94

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

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