Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072017\
Data File : BM010909.D
Acq On : 20 Jul 2017 15:24
Operator : SJ/JU
Sample : IDOC-W-3
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
IDOC-W-3

Manual Integrations APPROVED
Sohil
7/21/2017 1:28:34 PM

Quant Time: Jul 21 03:54:38 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM071217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 12 14:21:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	273132	20.00	ng		-0.01
21) Naphthalene-d8	10.20	136	1136444	20.00	ng		-0.01
38) Acenaphthene-d10	14.09	164	787257	20.00	ng		0.00
63) Phenanthrene-d10	16.85	188	2073988	20.00	ng		0.00
75) Chrysene-d12	21.06	240	2398075	20.00	ng		0.00
86) Perylene-d12	23.19	264	2036746	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	2582436	156.62	ng		0.00
7) Phenol-d6	6.65	99	3530963	155.34	ng		0.00
23) Nitrobenzene-d5	8.59	82	2672362	90.39	ng		0.00
41) 2,4,6-Tribromophenol	15.60	330	1955243	162.52	ng		0.00
44) 2-Fluorobiphenyl	12.70	172	5876078	92.85	ng		0.00
78) Terphenyl-d14	19.51	244	10721006	86.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	237620	32.660	ng	#	100
3) Pyridine	3.46	79	722048	36.307	ng	#	88
4) n-Nitrosodimethylamine	3.38	42	433444	42.645	ng	#	76
6) Aniline	6.79	93	1300391	45.668	ng	#	90
8) 2-Chlorophenol	7.02	128	818641	50.146	ng		87
9) Benzaldehyde	6.60	77	522834	33.125	ng		88
10) Phenol	6.67	94	1208031	50.265	ng		95
11) bis(2-Chloroethyl)ether	6.89	93	863360	46.643	ng		95
12) 1,3-Dichlorobenzene	7.33	146	865007	42.876	ng	#	83
13) 1,4-Dichlorobenzene	7.48	146	902260	43.337	ng	#	92
14) 1,2-Dichlorobenzene	7.79	146	857940	43.245	ng	#	92
15) Benzyl Alcohol	7.69	79	1111067	51.620	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	7.96	45	764494	47.639	ng		83
17) 2-Methylphenol	7.89	107	800453	51.499	ng	#	81
18) Hexachloroethane	8.50	117	378641	43.359	ng	#	77
19) n-Nitroso-di-n-propylamine	8.25	70	865654	48.076	ng		93
20) 3+4-Methylphenols	8.22	107	1104952	51.168	ng		84
22) Acetophenone	8.26	105	1481703	43.303	ng	#	95
24) Nitrobenzene	8.63	77	1337198	44.131	ng	#	88
25) Isophorone	9.15	82	2283448	47.144	ng	#	88
26) 2-Nitrophenol	9.33	139	468512	46.467	ng	#	33
27) 2,4-Dimethylphenol	9.40	122	836082	46.460	ng	#	75
28) bis(2-Chloroethoxy)methane	9.64	93	1271608	46.833	ng		98
29) 2,4-Dichlorophenol	9.86	162	950460	46.756	ng		93
30) 1,2,4-Trichlorobenzene	10.07	180	1086835	43.733	ng		99
31) Naphthalene	10.25	128	2598453	44.968	ng		99
32) Benzoic acid	9.57	122	647816	45.881	ng	#	68
33) 4-Chloroaniline	10.37	127	816081	35.054	ng	#	76
34) Hexachlorobutadiene	10.54	225	808643	41.935	ng		99
35) Caprolactam	11.17	113	293032m	54.145	ng		
36) 4-Chloro-3-methylphenol	11.51	107	1191661	48.463	ng	#	74
37) 2-Methylnaphthalene	11.87	142	2059337	49.617	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	12.26	216	1435499	41.832	ng	#	100
40) Hexachlorocyclopentadiene	12.23	237	2147562	109.170	ng		97

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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	12.50	196	964255	45.634	ng		96
43) 2,4,5-Trichlorophenol	12.57	196	1009526	48.392	ng	#	89
45) 1,1'-Biphenyl	12.92	154	2869275	41.835	ng		98
46) 2-Chloronaphthalene	12.95	162	2259493	44.929	ng	#	93
47) 2-Nitroaniline	13.17	65	885940	53.590	ng	#	73
48) Acenaphthylene	13.81	152	3525827	47.138	ng		98
49) Dimethylphthalate	13.57	163	3179333	47.471	ng	#	98
50) 2,6-Dinitrotoluene	13.68	165	676873	51.525	ng	#	67
51) Acenaphthene	14.16	154	2127640	46.552	ng		100
52) 3-Nitroaniline	14.01	138	554686	46.446	ng	#	46
53) 2,4-Dinitrophenol	14.22	184	978214	107.718	ng	#	88
54) Dibenzofuran	14.50	168	3766110	50.941	ng	#	91
55) 4-Nitrophenol	14.34	139	1071873	103.343	ng	#	1
56) 2,4-Dinitrotoluene	14.47	165	989753	54.296	ng	#	95
57) Fluorene	15.15	166	3114739	49.009	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.73	232	1060012	54.685	ng	#	100
59) Diethylphthalate	14.95	149	3304420	49.958	ng		100
60) 4-Chlorophenyl-phenylether	15.15	204	1837580	47.069	ng		96
61) 4-Nitroaniline	15.19	138	673741	53.975	ng	#	1
62) Azobenzene	15.45	77	3751830	55.859	ng		89
64) 4,6-Dinitro-2-methylphenol	15.25	198	654279	47.841	ng		92
65) n-Nitrosodiphenylamine	15.37	169	2765327	46.597	ng		99
66) 4-Bromophenyl-phenylether	16.05	248	1256224	47.794	ng	#	92
67) Hexachlorobenzene	16.16	284	1322470	44.001	ng	#	94
68) Atrazine	16.34	200	1193290	48.554	ng		97
69) Pentachlorophenol	16.50	266	1776454	92.200	ng		98
70) Phenanthrene	16.89	178	5351577	49.600	ng		100
71) Anthracene	16.98	178	5425130	50.654	ng		99
72) Carbazole	17.26	167	4665319	49.460	ng		99
73) Di-n-butylphthalate	17.84	149	5640986	50.548	ng	#	96
74) Fluoranthene	18.92	202	6928691	51.852	ng		98
76) Benzidine	19.12	184	4380121	68.255	ng		99
77) Pyrene	19.29	202	7065288	50.822	ng		100
79) Butylbenzylphthalate	20.22	149	2568822	52.779	ng	#	73
80) Benzo(a)anthracene	21.05	228	6939220	49.939	ng		99
81) 3,3'-Dichlorobenzidine	20.99	252	2342656	42.877	ng	#	98
82) Chrysene	21.10	228	6520967	49.276	ng		99
83) Bis(2-ethylhexyl)phthalate	21.00	149	3719599	52.480	ng		99
84) Di-n-octyl phthalate	21.86	149	6085507	52.403	ng		99
85) Indeno(1,2,3-cd)pyrene	25.30	276	6179747	40.724	ng	#	100
87) Benzo(b)fluoranthene	22.56	252	6779660	52.403	ng	#	92
88) Benzo(k)fluoranthene	22.61	252	6230802	50.422	ng	#	95
89) Benzo(a)pyrene	23.10	252	6167171	52.371	ng	#	96
90) Dibenzo(a,h)anthracene	25.32	278	5130352	44.887	ng	#	92
91) Benzo(g,h,i)perylene	25.94	276	4900697	43.618	ng	#	86

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

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