Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM073117\
Data File : BM011068.D
Acq On : 31 Jul 2017 15:18
Operator : SJ/JU
Sample : PB101041BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB101041BS

Manual Integrations APPROVED
Sohil
8/1/2017 5:45:59 PM

Quant Time: Aug 01 01:28:47 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 26 17:29:06 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	194950	20.00	ng		0.00
21) Naphthalene-d8	10.15	136	870178	20.00	ng		0.00
38) Acenaphthene-d10	14.04	164	644535	20.00	ng		-0.01
63) Phenanthrene-d10	16.80	188	1512518	20.00	ng		-0.01
75) Chrysene-d12	21.02	240	1246691	20.00	ng		0.00
86) Perylene-d12	23.13	264	965664	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.03	112	1452316	125.93	ng		0.00
7) Phenol-d6	6.59	99	1992426	121.60	ng		0.00
23) Nitrobenzene-d5	8.53	82	1759623	75.89	ng		0.00
41) 2,4,6-Tribromophenol	15.54	330	1119508	108.37	ng		-0.01
44) 2-Fluorobiphenyl	12.65	172	3877457	75.45	ng		-0.01
78) Terphenyl-d14	19.46	244	4850869	77.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.04	88	166436	32.143	ng	#	100
3) Pyridine	3.41	79	475397	33.612	ng		87
4) n-Nitrosodimethylamine	3.33	42	310989	43.147	ng	#	69
6) Aniline	6.74	93	467107	22.619	ng	#	83
8) 2-Chlorophenol	6.96	128	439189	37.510	ng	#	76
9) Benzaldehyde	6.55	77	499086	47.075	ng	#	77
10) Phenol	6.62	94	693327	38.957	ng		93
11) bis(2-Chloroethyl)ether	6.83	93	515884	37.202	ng		88
12) 1,3-Dichlorobenzene	7.27	146	517856	36.291	ng	#	76
13) 1,4-Dichlorobenzene	7.42	146	528016	36.100	ng	#	90
14) 1,2-Dichlorobenzene	7.73	146	510543	36.508	ng	#	89
15) Benzyl Alcohol	7.63	79	647497	41.192	ng	#	80
16) 2,2'-oxybis(1-Chloropropan	7.92	45	503977	40.388	ng		81
17) 2-Methylphenol	7.83	107	466547	41.017	ng	#	72
18) Hexachloroethane	8.44	117	245524	38.492	ng	#	85
19) n-Nitroso-di-n-propylamine	8.20	70	574559	41.264	ng	#	95
20) 3+4-Methylphenols	8.16	107	628960	39.779	ng	#	81
22) Acetophenone	8.20	105	897222	34.397	ng	#	92
24) Nitrobenzene	8.57	77	895473	37.272	ng	#	84
25) Isophorone	9.10	82	1439689	37.242	ng	#	85
26) 2-Nitrophenol	9.27	139	274952	35.967	ng	#	22
27) 2,4-Dimethylphenol	9.35	122	491318	36.509	ng	#	70
28) bis(2-Chloroethoxy)methane	9.59	93	808602	37.503	ng	#	97
29) 2,4-Dichlorophenol	9.80	162	571724	37.807	ng		90
30) 1,2,4-Trichlorobenzene	10.01	180	675695	36.138	ng		96
31) Naphthalene	10.19	128	1590984	36.344	ng		100
32) Benzoic acid	9.50	122	311676	28.814	ng	#	53
33) 4-Chloroaniline	10.33	127	258307	14.792	ng	#	70
34) Hexachlorobutadiene	10.48	225	555572	37.726	ng		99
35) Caprolactam	11.11	113	141795m	33.064	ng		
36) 4-Chloro-3-methylphenol	11.45	107	695568	35.622	ng	#	67
37) 2-Methylnaphthalene	11.82	142	1306485	40.627	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	12.20	216	947494	34.216	ng	#	100
40) Hexachlorocyclopentadiene	12.18	237	1524550	94.484	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.45	196	578971	34.544	ng		98
43) 2,4,5-Trichlorophenol	12.52	196	596000	34.526	ng	#	83
45) 1,1'-Biphenyl	12.86	154	1858837	33.353	ng		96
46) 2-Chloronaphthalene	12.90	162	1443709	35.159	ng	#	94
47) 2-Nitroaniline	13.12	65	553965	38.134	ng	#	66
48) Acenaphthylene	13.76	152	2181694	35.602	ng		99
49) Dimethylphthalate	13.52	163	1864129	33.809	ng		98
50) 2,6-Dinitrotoluene	13.63	165	381122	34.182	ng	#	57
51) Acenaphthene	14.11	154	1334561	35.172	ng		98
52) 3-Nitroaniline	13.96	138	322731	33.356	ng	#	31
53) 2,4-Dinitrophenol	14.17	184	514733	64.958	ng	#	86
54) Dibenzofuran	14.44	168	2374472	38.621	ng	#	90
55) 4-Nitrophenol	14.29	139	471016	55.409	ng		93
56) 2,4-Dinitrotoluene	14.43	165	538266	34.388	ng	#	84
57) Fluorene	15.10	166	1914955	35.774	ng		100
58) 2,3,4,6-Tetrachlorophenol	14.68	232	639807	39.542	ng	#	100
59) Diethylphthalate	14.90	149	1928040	34.240	ng		99
60) 4-Chlorophenyl-phenylether	15.10	204	1183202	36.610	ng		96
61) 4-Nitroaniline	15.13	138	314819	30.633	ng	#	1
62) Azobenzene	15.40	77	2500646	41.494	ng		85
64) 4,6-Dinitro-2-methylphenol	15.19	198	343475	33.544	ng		94
65) n-Nitrosodiphenylamine	15.33	169	1629654	37.648	ng		99
66) 4-Bromophenyl-phenylether	16.00	248	764707	39.328	ng	#	90
67) Hexachlorobenzene	16.10	284	791545	36.025	ng	#	87
68) Atrazine	16.29	200	629573	36.294	ng		95
69) Pentachlorophenol	16.46	266	941221	67.475	ng		98
70) Phenanthrene	16.84	178	2982194	37.655	ng		98
71) Anthracene	16.93	178	2970800	37.612	ng		99
72) Carbazole	17.21	167	2288341	33.128	ng		99
73) Di-n-butylphthalate	17.80	149	2866636	34.078	ng	#	96
74) Fluoranthene	18.87	202	3273201	33.350	ng		98
76) Benzidine	19.08	184	1829004	61.326	ng		99
77) Pyrene	19.24	202	3297949	44.521	ng		98
79) Butylbenzylphthalate	20.17	149	1028130	39.031	ng	#	66
80) Benzo(a)anthracene	21.00	228	2695219	37.862	ng		98
81) 3,3'-Dichlorobenzidine	20.95	252	757508	27.126	ng	#	98
82) Chrysene	21.06	228	2522440	36.915	ng		99
83) Bis(2-ethylhexyl)phthalate	20.97	149	1417707	36.584	ng	#	99
84) Di-n-octyl phthalate	21.81	149	2095181	33.313	ng		98
85) Indeno(1,2,3-cd)pyrene	25.20	276	2255935	31.878	ng	#	97
87) Benzo(b)fluoranthene	22.51	252	2256728	36.412	ng	#	93
88) Benzo(k)fluoranthene	22.55	252	2233276	37.595	ng	#	94
89) Benzo(a)pyrene	23.04	252	2111401	37.649	ng	#	95
90) Dibenzo(a,h)anthracene	25.21	278	1877206	36.107	ng	#	91
91) Benzo(g,h,i)perylene	25.83	276	1845915	36.158	ng	#	84

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

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