Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072617\
Data File : BM010990.D
Acq On : 27 Jul 2017 02:48
Operator : SJ/JU
Sample : PB100967BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB100967BS

Manual Integrations APPROVED
Sohil
7/27/2017 6:21:43 PM

Quant Time: Jul 27 10:08:31 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	204346	20.00	ng		0.00
21) Naphthalene-d8	10.15	136	912617	20.00	ng		0.00
38) Acenaphthene-d10	14.05	164	686704	20.00	ng		0.00
63) Phenanthrene-d10	16.80	188	1825890	20.00	ng		0.00
75) Chrysene-d12	21.03	240	1634893	20.00	ng		0.00
86) Perylene-d12	23.14	264	1154361	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.03	112	1722390	142.48	ng		0.00
7) Phenol-d6	6.60	99	2368277	137.89	ng		0.00
23) Nitrobenzene-d5	8.54	82	2007137	82.54	ng		0.00
41) 2,4,6-Tribromophenol	15.56	330	1583816	143.90	ng		0.00
44) 2-Fluorobiphenyl	12.66	172	4775373	87.21	ng		0.00
78) Terphenyl-d14	19.47	244	7772865	94.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.04	88	154095	28.391	ng	#	100
3) Pyridine	3.41	79	469323	31.657	ng		89
4) n-Nitrosodimethylamine	3.33	42	318421	42.147	ng	#	65
6) Aniline	6.74	93	807394	37.299	ng	#	89
8) 2-Chlorophenol	6.97	128	518782	42.271	ng		87
9) Benzaldehyde	6.55	77	213840	19.243	ng		84
10) Phenol	6.62	94	798446	42.800	ng		97
11) bis(2-Chloroethyl)ether	6.85	93	561339	38.618	ng		94
12) 1,3-Dichlorobenzene	7.28	146	567037	37.911	ng	#	83
13) 1,4-Dichlorobenzene	7.43	146	580642	37.873	ng	#	91
14) 1,2-Dichlorobenzene	7.73	146	556996	37.998	ng	#	88
15) Benzyl Alcohol	7.64	79	781077	47.406	ng	#	82
16) 2,2'-oxybis(1-Chloropropan	7.93	45	543277	41.535	ng		79
17) 2-Methylphenol	7.85	107	536487	44.997	ng	#	76
18) Hexachloroethane	8.45	117	270532	40.462	ng	#	85
19) n-Nitroso-di-n-propylamine	8.20	70	631684	43.280	ng	#	92
20) 3+4-Methylphenols	8.17	107	738015	44.530	ng	#	84
22) Acetophenone	8.21	105	1018600	37.234	ng	#	92
24) Nitrobenzene	8.58	77	979009	38.854	ng	#	87
25) Isophorone	9.10	82	1594299	39.324	ng	#	86
26) 2-Nitrophenol	9.28	139	316347	39.458	ng	#	22
27) 2,4-Dimethylphenol	9.36	122	587660	41.637	ng	#	70
28) bis(2-Chloroethoxy)methane	9.59	93	914421	40.439	ng	#	98
29) 2,4-Dichlorophenol	9.81	162	695761	43.870	ng		93
30) 1,2,4-Trichlorobenzene	10.02	180	773312	39.435	ng		97
31) Naphthalene	10.20	128	1833751	39.942	ng		99
32) Benzoic acid	9.52	122	408964	36.050	ng	#	60
33) 4-Chloroaniline	10.32	127	369858	20.194	ng	#	72
34) Hexachlorobutadiene	10.49	225	609750	39.479	ng		98
35) Caprolactam	11.12	113	194804m	43.313	ng		
36) 4-Chloro-3-methylphenol	11.46	107	861058	42.047	ng	#	75
37) 2-Methylnaphthalene	11.83	142	1538107	45.605	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	12.21	216	1114026	37.760	ng	#	100
40) Hexachlorocyclopentadiene	12.19	237	1779315	103.502	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.46	196	718845	40.255	ng		94
43) 2,4,5-Trichlorophenol	12.53	196	773207	42.041	ng	#	89
45) 1,1'-Biphenyl	12.87	154	2240077	37.726	ng		98
46) 2-Chloronaphthalene	12.91	162	1742073	39.820	ng	#	91
47) 2-Nitroaniline	13.13	65	680307	43.955	ng	#	67
48) Acenaphthylene	13.77	152	2732011	41.844	ng		99
49) Dimethylphthalate	13.53	163	2414120	41.095	ng	#	99
50) 2,6-Dinitrotoluene	13.65	165	498073	41.928	ng	#	63
51) Acenaphthene	14.12	154	1663198	41.141	ng		99
52) 3-Nitroaniline	13.97	138	322031	31.239	ng	#	31
53) 2,4-Dinitrophenol	14.18	184	713933	84.564	ng	#	87
54) Dibenzofuran	14.46	168	2965584	45.273	ng	#	90
55) 4-Nitrophenol	14.30	139	754012	83.253	ng		93
56) 2,4-Dinitrotoluene	14.44	165	738351	44.274	ng		94
57) Fluorene	15.11	166	2456983	43.081	ng		98
58) 2,3,4,6-Tetrachlorophenol	14.69	232	839430	48.693	ng	#	100
59) Diethylphthalate	14.91	149	2576396	42.944	ng		99
60) 4-Chlorophenyl-phenylether	15.12	204	1524006	44.259	ng		98
61) 4-Nitroaniline	15.15	138	475610	43.437	ng	#	1
62) Azobenzene	15.41	77	3130652	48.758	ng		88
64) 4,6-Dinitro-2-methylphenol	15.20	198	485665	39.290	ng		92
65) n-Nitrosodiphenylamine	15.33	169	2144669	41.043	ng		99
66) 4-Bromophenyl-phenylether	16.01	248	1016611	43.310	ng	#	89
67) Hexachlorobenzene	16.12	284	1049624	39.572	ng	#	89
68) Atrazine	16.30	200	912038	43.554	ng		96
69) Pentachlorophenol	16.46	266	1350827	80.218	ng		99
70) Phenanthrene	16.85	178	4163841	43.551	ng		100
71) Anthracene	16.94	178	4199358	44.041	ng		99
72) Carbazole	17.22	167	3408258	40.873	ng		99
73) Di-n-butylphthalate	17.80	149	4305096	42.395	ng	#	96
74) Fluoranthene	18.88	202	4962498	41.884	ng		98
76) Benzidine	19.08	184	2427184	62.059	ng		100
77) Pyrene	19.24	202	4771312	49.116	ng		99
79) Butylbenzylphthalate	20.18	149	1652023	47.824	ng	#	69
80) Benzo(a)anthracene	21.01	228	4077779	43.682	ng		99
81) 3,3'-Dichlorobenzidine	20.96	252	1067408	29.147	ng	#	97
82) Chrysene	21.06	228	3780521	42.189	ng		99
83) Bis(2-ethylhexyl)phthalate	20.97	149	2309342	45.443	ng	#	98
84) Di-n-octyl phthalate	21.82	149	3302385	40.039	ng		99
85) Indeno(1,2,3-cd)pyrene	25.21	276	3161475	34.066	ng	#	97
87) Benzo(b)fluoranthene	22.52	252	3391215	45.772	ng	#	92
88) Benzo(k)fluoranthene	22.56	252	3037289	42.772	ng	#	95
89) Benzo(a)pyrene	23.05	252	2961326	44.172	ng	#	96
90) Dibenzo(a,h)anthracene	25.23	278	2567244	41.308	ng	#	89
91) Benzo(g,h,i)perylene	25.84	276	2607931	42.734	ng	#	85

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

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