Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071317\
Data File : BM010835.D
Acq On : 14 Jul 2017 04:46
Operator : SJ/JU
Sample : I4145-07MSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TRANSFORMER-3-4-5-COMPMSD

Manual Integrations APPROVED
mohammad
7/17/2017 8:13:40 AM

Quant Time: Jul 14 07:01:59 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	7.45	152	278450	20.00	ng		0.00
21) Naphthalene-d8	10.20	136	1084857	20.00	ng		0.00
38) Acenaphthene-d10	14.10	164	660434	20.00	ng		0.00
63) Phenanthrene-d10	16.85	188	1505300	20.00	ng		0.00
75) Chrysene-d12	21.07	240	1419471	20.00	ng		0.00
86) Perylene-d12	23.19	264	1244703	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.09	112	2341897	139.32	ng		0.00
7) Phenol-d6	6.65	99	2849414	122.96	ng		0.00
23) Nitrobenzene-d5	8.59	82	2580741	91.44	ng		0.00
41) 2,4,6-Tribromophenol	15.60	330	1495471	148.17	ng		0.00
44) 2-Fluorobiphenyl	12.71	172	5312130	100.06	ng		0.00
78) Terphenyl-d14	19.51	244	7063882	96.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.11	88	256142	34.533	ng	#	100
3) Pyridine	3.48	79	753456	37.163	ng	#	87
4) n-Nitrosodimethylamine	3.39	42	422077	40.734	ng	#	72
6) Aniline	6.79	93	890941	30.691	ng		91
8) 2-Chlorophenol	7.02	128	747118	44.891	ng		90
9) Benzaldehyde	6.60	77	311322	19.348	ng		88
10) Phenol	6.67	94	970003	39.590	ng		96
11) bis(2-Chloroethyl)ether	6.89	93	819210	43.413	ng		97
12) 1,3-Dichlorobenzene	7.33	146	846955	41.179	ng	#	82
13) 1,4-Dichlorobenzene	7.48	146	870311	41.004	ng	#	91
14) 1,2-Dichlorobenzene	7.79	146	818136	40.451	ng	#	90
15) Benzyl Alcohol	7.69	79	1009473	46.004	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	7.99	45	743492	45.445	ng		74
17) 2-Methylphenol	7.89	107	709360	44.766	ng	#	80
18) Hexachloroethane	8.50	117	366285	41.143	ng	#	83
19) n-Nitroso-di-n-propylamine	8.26	70	799922	43.577	ng		94
20) 3+4-Methylphenols	8.22	107	956228	43.435	ng	#	83
22) Acetophenone	8.26	105	1414853	43.315	ng	#	95
24) Nitrobenzene	8.63	77	1240301	42.880	ng		91
25) Isophorone	9.16	82	2081682	45.022	ng	#	87
26) 2-Nitrophenol	9.33	139	425299	44.187	ng	#	38
27) 2,4-Dimethylphenol	9.40	122	721656	42.009	ng	#	73
28) bis(2-Chloroethoxy)methane	9.65	93	1156580	44.622	ng		98
29) 2,4-Dichlorophenol	9.86	162	853372	43.976	ng		89
30) 1,2,4-Trichlorobenzene	10.07	180	982795	41.427	ng		98
31) Naphthalene	10.26	128	2425956	43.979	ng		99
32) Benzoic acid	9.56	122	483991	35.908	ng	#	72
33) 4-Chloroaniline	10.37	127	363421	16.353	ng	#	75
34) Hexachlorobutadiene	10.55	225	748433	40.658	ng		96
35) Caprolactam	11.16	113	180261m	34.891	ng		
36) 4-Chloro-3-methylphenol	11.51	107	992120	42.266	ng	#	77
37) 2-Methylnaphthalene	11.88	142	1857550	46.884	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	12.26	216	1283981	44.602	ng	#	100
40) Hexachlorocyclopentadiene	12.24	237	1755587	106.382	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	12.51	196	805025	45.414	ng		96
43) 2,4,5-Trichlorophenol	12.58	196	837020	47.827	ng	#	89
45) 1,1'-Biphenyl	12.92	154	2512468	43.667	ng		97
46) 2-Chloronaphthalene	12.96	162	1981393	46.965	ng	#	94
47) 2-Nitroaniline	13.17	65	699628	50.447	ng	#	75
48) Acenaphthylene	13.82	152	2939226	46.842	ng		99
49) Dimethylphthalate	13.57	163	2554068	45.458	ng	#	99
50) 2,6-Dinitrotoluene	13.69	165	533525	48.412	ng	#	68
51) Acenaphthene	14.16	154	1795767	46.836	ng		98
52) 3-Nitroaniline	14.01	138	375154	37.446	ng	#	48
53) 2,4-Dinitrophenol	14.22	184	690039	90.577	ng	#	88
54) Dibenzofuran	14.50	168	3092956	49.870	ng	#	90
55) 4-Nitrophenol	14.33	139	678991	78.035	ng	#	1
56) 2,4-Dinitrotoluene	14.48	165	741268	48.473	ng	#	95
57) Fluorene	15.16	166	2466529	46.263	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.73	232	814208	50.071	ng	#	100
59) Diethylphthalate	14.95	149	2558678	46.112	ng		98
60) 4-Chlorophenyl-phenylether	15.16	204	1516583	46.307	ng		97
61) 4-Nitroaniline	15.19	138	470954	44.974	ng	#	1
62) Azobenzene	15.45	77	2903590	51.532	ng		88
64) 4,6-Dinitro-2-methylphenol	15.24	198	447513	45.084	ng		91
65) n-Nitrosodiphenylamine	15.37	169	2122314	49.273	ng		99
66) 4-Bromophenyl-phenylether	16.05	248	988499	51.816	ng	#	90
67) Hexachlorobenzene	16.16	284	1008882	46.249	ng	#	86
68) Atrazine	16.34	200	842068	47.207	ng		97
69) Pentachlorophenol	16.50	266	1230692	88.006	ng		97
70) Phenanthrene	16.89	178	3889649	49.670	ng		100
71) Anthracene	16.99	178	3930650	50.565	ng		98
72) Carbazole	17.26	167	3158743	46.139	ng		100
73) Di-n-butylphthalate	17.84	149	3864396	47.711	ng	#	96
74) Fluoranthene	18.92	202	4523590	46.642	ng		98
76) Benzidine	19.12	184	2620986	69.000	ng		98
77) Pyrene	19.29	202	4511123	54.820	ng		100
79) Butylbenzylphthalate	20.22	149	1524561	52.918	ng	#	75
80) Benzo(a)anthracene	21.05	228	4076265	49.559	ng		100
81) 3,3'-Dichlorobenzidine	21.00	252	1314811	40.655	ng	#	97
82) Chrysene	21.10	228	3753659	47.920	ng		99
83) Bis(2-ethylhexyl)phthalate	21.01	149	2090408	49.827	ng	#	99
84) Di-n-octyl phthalate	21.86	149	3254494	47.346	ng		99
85) Indeno(1,2,3-cd)pyrene	25.30	276	4353189	48.464	ng	#	100
87) Benzo(b)fluoranthene	22.57	252	3883002	49.112	ng	#	91
88) Benzo(k)fluoranthene	22.61	252	3743796	49.575	ng	#	94
89) Benzo(a)pyrene	23.10	252	3654421	50.780	ng	#	97
90) Dibenzo(a,h)anthracene	25.31	278	3632197	52.001	ng	#	90
91) Benzo(g,h,i)perylene	25.94	276	3606260	52.522	ng	#	86

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

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