Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081117\
Data File : BM011202.D
Acq On : 11 Aug 2017 15:40
Operator : SJ/JU
Sample : I4666-03MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RO-124019-72-12014MS

Manual Integrations APPROVED
sohil
8/14/2017 6:56:58 PM

Quant Time: Aug 11 18:39:42 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 18:38:42 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	142081	20.00	ng		0.00
21) Naphthalene-d8	10.05	136	555557	20.00	ng		0.00
38) Acenaphthene-d10	13.96	164	392246	20.00	ng		0.00
63) Phenanthrene-d10	16.72	188	1009120	20.00	ng		0.00
75) Chrysene-d12	20.94	240	1281401	20.00	ng		0.00
86) Perylene-d12	23.02	264	1285608	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.94	112	1278748	152.14	ng		0.00
7) Phenol-d6	6.50	99	1635515	136.96	ng		0.00
23) Nitrobenzene-d5	8.45	82	1692693	114.35	ng		0.00
41) 2,4,6-Tribromophenol	15.47	330	1002627	159.48	ng		0.00
44) 2-Fluorobiphenyl	12.57	172	3278575	104.83	ng		0.00
78) Terphenyl-d14	19.39	244	5557394	85.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.94	88	180908	47.938	ng	#	100
3) Pyridine	3.32	79	411324	39.904	ng	#	85
4) n-Nitrosodimethylamine	3.23	42	316461	60.244	ng	#	65
6) Aniline	6.65	93	486721	32.338	ng	#	84
8) 2-Chlorophenol	6.87	128	390368	45.747	ng	#	66
9) Benzaldehyde	6.46	77	214030	27.700	ng	#	77
10) Phenol	6.53	94	573814	44.239	ng		89
11) bis(2-Chloroethyl)ether	6.75	93	498221	49.297	ng		84
12) 1,3-Dichlorobenzene	7.18	146	501620	48.234	ng	#	76
13) 1,4-Dichlorobenzene	7.33	146	501684	47.063	ng	#	91
14) 1,2-Dichlorobenzene	7.64	146	480004	47.096	ng	#	87
15) Benzyl Alcohol	7.55	79	652320	56.941	ng	#	77
16) 2,2'-oxybis(1-Chloropropan	7.83	45	509286	56.000	ng		79
17) 2-Methylphenol	7.75	107	396243	47.799	ng	#	68
18) Hexachloroethane	8.35	117	247624	53.267	ng	#	80
19) n-Nitroso-di-n-propylamine	8.11	70	556828	54.871	ng	#	91
20) 3+4-Methylphenols	8.08	107	525970	45.643	ng	#	76
22) Acetophenone	8.12	105	809295	48.597	ng	#	88
24) Nitrobenzene	8.49	77	858512	55.970	ng	#	81
25) Isophorone	9.01	82	1369479	55.489	ng	#	81
26) 2-Nitrophenol	9.19	139	233656	47.875	ng	#	3
27) 2,4-Dimethylphenol	9.26	122	399695	46.521	ng	#	64
28) bis(2-Chloroethoxy)methane	9.50	93	733633	53.296	ng	#	97
29) 2,4-Dichlorophenol	9.72	162	458067	47.446	ng		93
30) 1,2,4-Trichlorobenzene	9.92	180	616575	51.651	ng		97
31) Naphthalene	10.10	128	1403363	50.213	ng		99
32) Benzoic acid	9.42	122	236395	34.230	ng	#	45
33) 4-Chloroaniline	10.24	127	176742	15.852	ng	#	70
34) Hexachlorobutadiene	10.39	225	531487	56.529	ng		98
35) Caprolactam	11.02	113	113600m	41.491	ng		
36) 4-Chloro-3-methylphenol	11.37	107	593397	47.600	ng	#	72
37) 2-Methylnaphthalene	11.73	142	1105156	53.828	ng	#	87
39) 1,2,4,5-Tetrachlorobenzene	12.12	216	854036	50.678	ng	#	100
40) Hexachlorocyclopentadiene	12.09	237	1237667	126.040	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.37	196	484067	47.457	ng		95
43) 2,4,5-Trichlorophenol	12.45	196	505029	48.073	ng	#	87
45) 1,1'-Biphenyl	12.78	154	1560065	45.997	ng		94
46) 2-Chloronaphthalene	12.82	162	1248078	49.944	ng		95
47) 2-Nitroaniline	13.04	65	525647	59.458	ng	#	58
48) Acenaphthylene	13.67	152	1853225	49.693	ng		99
49) Dimethylphthalate	13.45	163	1591379	47.426	ng	#	98
50) 2,6-Dinitrotoluene	13.56	165	329251	48.523	ng	#	41
51) Acenaphthene	14.03	154	1135462	49.172	ng		97
52) 3-Nitroaniline	13.89	138	223272	37.918	ng	#	17
53) 2,4-Dinitrophenol	14.10	184	426583	88.459	ng	#	82
54) Dibenzofuran	14.37	168	2007752	53.660	ng	#	91
55) 4-Nitrophenol	14.22	139	378279	73.122	ng	#	74
56) 2,4-Dinitrotoluene	14.36	165	486067	51.026	ng	#	74
57) Fluorene	15.02	166	1660387	50.969	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.60	232	540839	54.924	ng	#	100
59) Diethylphthalate	14.83	149	1672776	48.813	ng		100
60) 4-Chlorophenyl-phenylether	15.03	204	1017184	51.717	ng		98
61) 4-Nitroaniline	15.06	138	201773	32.261	ng	#	1
62) Azobenzene	15.32	77	2378356	64.848	ng		85
64) 4,6-Dinitro-2-methylphenol	15.12	198	322705	47.237	ng		97
65) n-Nitrosodiphenylamine	15.25	169	1421498	49.222	ng		98
66) 4-Bromophenyl-phenylether	15.93	248	674278	51.977	ng	#	92
67) Hexachlorobenzene	16.03	284	686756	46.848	ng	#	85
68) Atrazine	16.22	200	599026	51.760	ng		94
69) Pentachlorophenol	16.38	266	889686	95.597	ng		95
70) Phenanthrene	16.76	178	2760375	52.241	ng		100
71) Anthracene	16.85	178	2774662	52.652	ng		99
72) Carbazole	17.14	167	2265956	49.168	ng		99
73) Di-n-butylphthalate	17.72	149	2862513	51.005	ng	#	95
74) Fluoranthene	18.80	202	3568212	54.492	ng		97
76) Benzidine	19.01	184	2212407	72.172	ng		98
77) Pyrene	19.16	202	3625844	47.621	ng		98
79) Butylbenzylphthalate	20.11	149	1322638	48.851	ng	#	61
80) Benzo(a)anthracene	20.93	228	3781156	51.678	ng		99
81) 3,3'-Dichlorobenzidine	20.88	252	1059277	36.904	ng	#	97
82) Chrysene	20.99	228	3557742	50.656	ng		99
83) Bis(2-ethylhexyl)phthalate	20.90	149	1898417	47.662	ng		97
84) Di-n-octyl phthalate	21.74	149	3214273	49.722	ng	#	95
85) Indeno(1,2,3-cd)pyrene	25.05	276	4260182	58.569	ng	#	95
87) Benzo(b)fluoranthene	22.42	252	4099476	49.683	ng	#	92
88) Benzo(k)fluoranthene	22.46	252	3689998	46.659	ng	#	95
89) Benzo(a)pyrene	22.94	252	3855305	51.636	ng	#	96
90) Dibenzo(a,h)anthracene	25.06	278	3529247	50.990	ng	#	90
91) Benzo(g,h,i)perylene	25.67	276	3553877	52.289	ng	#	84

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

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