Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070518\
Data File : BM015800.D
Acq On : 06 Jul 2018 13:59
Operator : SJ/JU
Sample : PB110837BS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB110837BS

Manual Integrations APPROVED
Sohil
7/6/2018 5:22:07 PM

Quant Time: Jul 06 15:14:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 05 17:39:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	128074	20.00	ng		0.00
21) Naphthalene-d8	11.14	136	513396	20.00	ng		0.00
38) Acenaphthene-d10	14.93	164	268976	20.00	ng		0.00
63) Phenanthrene-d10	17.66	188	504969	20.00	ng		0.00
75) Chrysene-d12	21.76	240	352435	20.00	ng		0.00
86) Perylene-d12	24.17	264	322570	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.81	112	1145499	153.39	ng		0.00
7) Phenol-d6	7.47	99	1461495	142.95	ng		0.00
23) Nitrobenzene-d5	9.50	82	988008	93.90	ng		0.00
41) 2,4,6-Tribromophenol	16.41	330	496105	141.16	ng		0.00
44) 2-Fluorobiphenyl	13.56	172	2095155	96.70	ng		0.00
78) Terphenyl-d14	20.22	244	2115658	111.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	98551	31.908	ng	#	100
3) Pyridine	4.01	79	269135	33.022	ng	#	78
4) n-Nitrosodimethylamine	3.92	42	240029	37.822	ng	#	44
6) Aniline	7.63	93	297649	24.013	ng		92
8) 2-Chlorophenol	7.87	128	378966	42.282	ng		95
9) Benzaldehyde	7.45	77	162670	25.244	ng		92
10) Phenol	7.49	94	433360	42.185	ng		92
11) bis(2-Chloroethyl)ether	7.73	93	307807	36.833	ng		89
12) 1,3-Dichlorobenzene	8.19	146	385265	38.769	ng	#	92
13) 1,4-Dichlorobenzene	8.35	146	396734	38.607	ng		96
14) 1,2-Dichlorobenzene	8.67	146	384987	38.737	ng		95
15) Benzyl Alcohol	8.56	79	338139	38.096	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.84	45	491075	53.807	ng		98
17) 2-Methylphenol	8.76	107	293356	41.218	ng	#	87
18) Hexachloroethane	9.39	117	163565	40.253	ng		95
19) n-Nitroso-di-n-propylamine	9.13	70	283533	34.507	ng	#	80
20) 3+4-Methylphenols	9.09	107	392316	39.684	ng		89
22) Acetophenone	9.15	105	535540	40.043	ng	#	88
24) Nitrobenzene	9.55	77	437948	42.757	ng		99
25) Isophorone	10.06	82	718100	44.712	ng	#	94
26) 2-Nitrophenol	10.25	139	188630	42.768	ng	#	60
27) 2,4-Dimethylphenol	10.30	122	328697	49.057	ng	#	84
28) bis(2-Chloroethoxy)methane	10.53	93	429317	41.030	ng		98
29) 2,4-Dichlorophenol	10.79	162	343391	46.274	ng		97
30) 1,2,4-Trichlorobenzene	11.00	180	362271	42.031	ng		98
31) Naphthalene	11.19	128	1108222	41.635	ng		99
32) Benzoic acid	10.48	122	224044m	37.767	ng		
33) 4-Chloroaniline	11.30	127	152822	14.082	ng	#	89
34) Hexachlorobutadiene	11.45	225	236583	41.129	ng		96
35) Caprolactam	12.12	113	88360m	35.903	ng		
36) 4-Chloro-3-methylphenol	12.41	107	358920	42.153	ng		88
37) 2-Methylnaphthalene	12.77	142	807017	42.621	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	13.14	216	394965	45.751	ng	#	100
40) Hexachlorocyclopentadiene	13.10	237	463039	110.743	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.37	196	252147	46.206	ng		98
43) 2,4,5-Trichlorophenol	13.45	196	262581	44.544	ng	#	84
45) 1,1'-Biphenyl	13.77	154	1003566	43.154	ng		98
46) 2-Chloronaphthalene	13.82	162	770115	44.291	ng	#	91
47) 2-Nitroaniline	14.03	65	248739	41.022	ng	#	81
48) Acenaphthylene	14.66	152	1222438	43.218	ng		100
49) Dimethylphthalate	14.38	163	936618	39.483	ng		100
50) 2,6-Dinitrotoluene	14.52	165	194125	41.971	ng	#	70
51) Acenaphthene	15.00	154	704145	40.006	ng		99
52) 3-Nitroaniline	14.85	138	102659	20.278	ng	#	79
53) 2,4-Dinitrophenol	15.06	184	176507	76.586	ng	#	86
54) Dibenzofuran	15.33	168	1127888	41.587	ng	#	88
55) 4-Nitrophenol	15.15	139	286019	76.552	ng	#	72
56) 2,4-Dinitrotoluene	15.30	165	263004	39.386	ng		94
57) Fluorene	15.97	166	886817	39.651	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.55	232	211920	42.602	ng	#	100
59) Diethylphthalate	15.73	149	953116	37.494	ng		96
60) 4-Chlorophenyl-phenylether	15.95	204	447000	38.841	ng	#	89
61) 4-Nitroaniline	16.00	138	181287	34.519	ng	#	34
62) Azobenzene	16.24	77	1011576	42.452	ng		82
64) 4,6-Dinitro-2-methylphenol	16.06	198	120234	39.166	ng		88
65) n-Nitrosodiphenylamine	16.17	169	736290	42.553	ng		98
66) 4-Bromophenyl-phenylether	16.84	248	255941	45.395	ng	#	81
67) Hexachlorobenzene	16.96	284	275266	43.691	ng	#	77
68) Atrazine	17.10	200	251092	44.118	ng		97
69) Pentachlorophenol	17.30	266	281955	72.324	ng		97
70) Phenanthrene	17.70	178	1203215	41.649	ng		99
71) Anthracene	17.79	178	1221113	43.041	ng		98
72) Carbazole	18.06	167	1025441	38.787	ng		99
73) Di-n-butylphthalate	18.57	149	1358200	38.115	ng	#	97
74) Fluoranthene	19.68	202	1146841	34.531	ng		99
76) Benzidine	19.86	184	393478	38.106	ng		99
77) Pyrene	20.03	202	1127366	51.352	ng		99
79) Butylbenzylphthalate	20.89	149	483833	45.592	ng		88
80) Benzo(a)anthracene	21.74	228	952562	42.629	ng		100
81) 3,3'-Dichlorobenzidine	21.67	252	189609	23.617	ng		99
82) Chrysene	21.80	228	881393	42.343	ng		100
83) Bis(2-ethylhexyl)phthalate	21.63	149	646039	41.201	ng		95
84) Di-n-octyl phthalate	22.55	149	1002111	39.195	ng	#	90
85) Indeno(1,2,3-cd)pyrene	26.64	276	1007042	52.072	ng	#	94
87) Benzo(b)fluoranthene	23.44	252	843718	39.177	ng	#	95
88) Benzo(k)fluoranthene	23.49	252	845511	40.415	ng		98
89) Benzo(a)pyrene	24.06	252	811506	42.806	ng		99
90) Dibenzo(a,h)anthracene	26.64	278	858344	50.323	ng		97
91) Benzo(g,h,i)perylene	27.41	276	806961	53.845	ng	#	94

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

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