Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070518\
Data File : BM015782.D
Acq On : 06 Jul 2018 00:15
Operator : SJ/JU
Sample : PB110812BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB110812BS

Manual Integrations APPROVED
Sohil
7/6/2018 5:21:49 PM

Quant Time: Jul 06 07:22:48 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	122440	20.00	ng		0.00
21) Naphthalene-d8	11.14	136	534640	20.00	ng		0.00
38) Acenaphthene-d10	14.93	164	313077	20.00	ng		0.00
63) Phenanthrene-d10	17.66	188	672997	20.00	ng		0.00
75) Chrysene-d12	21.77	240	659850	20.00	ng		0.00
86) Perylene-d12	24.17	264	514442	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.82	112	1196097	167.53	ng		0.00
7) Phenol-d6	7.47	99	1573912	161.03	ng		0.01
23) Nitrobenzene-d5	9.50	82	1071176	97.76	ng		0.00
41) 2,4,6-Tribromophenol	16.42	330	706751	172.77	ng		0.00
44) 2-Fluorobiphenyl	13.56	172	2489662	98.73	ng		0.00
78) Terphenyl-d14	20.22	244	4009489	112.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	100731	34.115	ng	#	100
3) Pyridine	4.01	79	277201	35.576	ng	#	79
4) n-Nitrosodimethylamine	3.92	42	258419	42.594	ng	#	44
6) Aniline	7.63	93	447081	37.729	ng		91
8) 2-Chlorophenol	7.87	128	430382	50.228	ng		97
9) Benzaldehyde	7.45	77	189390	30.743	ng		92
10) Phenol	7.50	94	502609	51.177	ng		93
11) bis(2-Chloroethyl)ether	7.73	93	346002	43.309	ng		88
12) 1,3-Dichlorobenzene	8.20	146	418057	44.005	ng	#	93
13) 1,4-Dichlorobenzene	8.35	146	426685	43.432	ng	#	95
14) 1,2-Dichlorobenzene	8.67	146	425563	44.790	ng		94
15) Benzyl Alcohol	8.56	79	396919	46.776	ng		88
16) 2,2'-oxybis(1-Chloropropan	8.84	45	552644	63.339	ng		99
17) 2-Methylphenol	8.76	107	347828	51.120	ng	#	87
18) Hexachloroethane	9.40	117	178815	46.031	ng		96
19) n-Nitroso-di-n-propylamine	9.13	70	336050	42.781	ng	#	79
20) 3+4-Methylphenols	9.10	107	471140	49.850	ng		88
22) Acetophenone	9.16	105	626682	44.996	ng	#	88
24) Nitrobenzene	9.55	77	505289	47.372	ng		99
25) Isophorone	10.07	82	874580	52.292	ng		95
26) 2-Nitrophenol	10.26	139	226190	49.246	ng	#	61
27) 2,4-Dimethylphenol	10.30	122	402229	57.646	ng		86
28) bis(2-Chloroethoxy)methane	10.54	93	514045	47.176	ng		98
29) 2,4-Dichlorophenol	10.79	162	418472	54.151	ng		96
30) 1,2,4-Trichlorobenzene	11.00	180	425970	47.457	ng		97
31) Naphthalene	11.19	128	1299164	46.869	ng		100
32) Benzoic acid	10.49	122	213652m	34.585	ng		
33) 4-Chloroaniline	11.30	127	327851	29.010	ng	#	87
34) Hexachlorobutadiene	11.45	225	273681	45.687	ng		98
35) Caprolactam	12.13	113	121813m	47.530	ng		
36) 4-Chloro-3-methylphenol	12.42	107	464148	52.345	ng		90
37) 2-Methylnaphthalene	12.78	142	994923	50.457	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	13.14	216	489231	48.688	ng	#	100
40) Hexachlorocyclopentadiene	13.10	237	585413	119.472	ng		99

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42) 2,4,6-Trichlorophenol	13.38	196	333658	52.530	ng		98
43) 2,4,5-Trichlorophenol	13.46	196	352472	51.370	ng	#	85
45) 1,1'-Biphenyl	13.77	154	1288219	47.591	ng		99
46) 2-Chloronaphthalene	13.82	162	983138	48.578	ng	#	90
47) 2-Nitroaniline	14.03	65	340312	48.219	ng	#	81
48) Acenaphthylene	14.66	152	1619600	49.193	ng		99
49) Dimethylphthalate	14.39	163	1299104	47.050	ng		99
50) 2,6-Dinitrotoluene	14.52	165	271279	50.390	ng	#	72
51) Acenaphthene	15.00	154	940129	45.890	ng		97
52) 3-Nitroaniline	14.85	138	197031	33.437	ng	#	76
53) 2,4-Dinitrophenol	15.07	184	135273	52.817	ng	#	89
54) Dibenzofuran	15.33	168	1528935	48.433	ng	#	88
55) 4-Nitrophenol	15.16	139	448410	103.110	ng	#	70
56) 2,4-Dinitrotoluene	15.31	165	385820	49.640	ng		94
57) Fluorene	15.97	166	1254967	48.208	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.55	232	310576	53.640	ng	#	100
59) Diethylphthalate	15.73	149	1374587	46.456	ng		96
60) 4-Chlorophenyl-phenylether	15.96	204	631203	47.121	ng		91
61) 4-Nitroaniline	16.02	138	294018	48.097	ng	#	39
62) Azobenzene	16.25	77	1436162	51.780	ng		83
64) 4,6-Dinitro-2-methylphenol	16.07	198	124705	30.480	ng		88
65) n-Nitrosodiphenylamine	16.17	169	1076241	46.670	ng		98
66) 4-Bromophenyl-phenylether	16.84	248	380418	50.627	ng	#	85
67) Hexachlorobenzene	16.97	284	417153	49.681	ng	#	82
68) Atrazine	17.11	200	396653	52.293	ng		99
69) Pentachlorophenol	17.31	266	451333	86.867	ng		98
70) Phenanthrene	17.70	178	1879508	48.815	ng		99
71) Anthracene	17.79	178	1932495	51.109	ng		99
72) Carbazole	18.06	167	1716985	48.730	ng		99
73) Di-n-butylphthalate	18.58	149	2313405	48.712	ng	#	98
74) Fluoranthene	19.68	202	2116206	47.810	ng		99
76) Benzidine	19.86	184	1001992	51.828	ng		99
77) Pyrene	20.04	202	2139780	52.058	ng		99
79) Butylbenzylphthalate	20.89	149	1029798	51.830	ng	#	85
80) Benzo(a)anthracene	21.75	228	2072317	49.534	ng		99
81) 3,3'-Dichlorobenzidine	21.67	252	453201	30.150	ng		99
82) Chrysene	21.80	228	1918805	49.235	ng		99
83) Bis(2-ethylhexyl)phthalate	21.63	149	1471890	50.137	ng		96
84) Di-n-octyl phthalate	22.56	149	2322173	48.511	ng	#	91
85) Indeno(1,2,3-cd)pyrene	26.66	276	1537700	42.468	ng	#	93
87) Benzo(b)fluoranthene	23.44	252	1737703	50.593	ng	#	97
88) Benzo(k)fluoranthene	23.49	252	1710521	51.268	ng		98
89) Benzo(a)pyrene	24.07	252	1575976	52.126	ng		99
90) Dibenzo(a,h)anthracene	26.66	278	1318149	48.457	ng		97
91) Benzo(g,h,i)perylene	27.41	276	1193070	49.917	ng	#	94

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

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