Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101918\
Data File : BM017270.D
Acq On : 20 Oct 2018 18:03
Operator : MJ/SJ
Sample : PB113963BS
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Oct 22 06:42:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 14:23:17 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB113963BS

Manual Integrations APPROVED
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10/22/2018 1:09:41 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	397070	20.00	ng		-0.01
21) Naphthalene-d8	10.44	136	1648453	20.00	ng		-0.01
39) Acenaphthene-d10	14.30	164	965779	20.00	ng		-0.01
64) Phenanthrene-d10	17.06	188	2111951	20.00	ng		-0.01
76) Chrysene-d12	21.25	240	1858061	20.00	ng		-0.01
87) Perylene-d12	23.46	264	1602958	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	3306605	140.85	ng		0.00
7) Phenol-d6	6.86	99	4448481	139.13	ng		0.00
23) Nitrobenzene-d5	8.82	82	2669636	94.72	ng		-0.01
42) 2,4,6-Tribromophenol	15.80	330	1749076	133.92	ng		-0.01
45) 2-Fluorobiphenyl	12.92	172	6449495	88.85	ng		-0.01
79) Terphenyl-d14	19.70	244	8428164	102.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	315408	26.310	ng		87
3) Pyridine	3.64	79	976711	35.409	ng	#	86
4) n-Nitrosodimethylamine	3.56	42	488587	44.123	ng	#	68
6) Aniline	7.01	93	751113	18.781	ng		99
8) 2-Chlorophenol	7.23	128	1350119	49.710	ng		97
9) Benzaldehyde	6.82	77	621547	30.487	ng		95
10) Phenol	6.88	94	1657591	48.169	ng		98
11) bis(2-Chloroethyl)ether	7.10	93	1147633	41.836	ng		99
12) 1,3-Dichlorobenzene	7.55	146	1316903	41.594	ng		98
13) 1,4-Dichlorobenzene	7.70	146	1348127	41.677	ng		99
14) 1,2-Dichlorobenzene	8.01	146	1297420	41.629	ng		97
15) Benzyl Alcohol	7.91	79	1162604	49.745	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.20	45	1542013	40.236	ng		99
17) 2-Methylphenol	8.11	107	1126971	51.023	ng		98
18) Hexachloroethane	8.73	117	481296	43.477	ng		99
19) n-Nitroso-di-n-propylamine	8.47	70	958144	45.510	ng		98
20) 3+4-Methylphenols	8.44	107	1546216	51.183	ng		98
22) Acetophenone	8.49	105	1891463	45.265	ng	#	99
24) Nitrobenzene	8.86	77	1411536	47.345	ng		95
25) Isophorone	9.39	82	2604565	55.961	ng		98
26) 2-Nitrophenol	9.56	139	761995	53.825	ng		97
27) 2,4-Dimethylphenol	9.63	122	1276369	62.019	ng		98
28) bis(2-Chloroethoxy)methane	9.87	93	1657148	50.587	ng		99
29) 2,4-Dichlorophenol	10.09	162	1357771	56.822	ng		98
30) 1,2,4-Trichlorobenzene	10.30	180	1303132	45.461	ng		99
31) Naphthalene	10.49	128	3979983	49.267	ng		99
32) Benzoic acid	9.76	122	381933	24.872	ng		95
33) 4-Chloroaniline	10.61	127	171056	4.903	ng	#	95
34) Hexachlorobutadiene	10.77	225	792143	43.614	ng		99
35) Caprolactam	11.42	113	396180m	45.495	ng		
36) 4-Chloro-3-methylphenol	11.75	107	1433657	53.227	ng		97
37) 2-Methylnaphthalene	12.10	142	3026642	54.750	ng		99
38) 1-Methylnaphthalene	12.33	142	2870435	53.350	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	1536359	45.172	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	1999039	121.579	ng		100
43) 2,4,6-Trichlorophenol	12.73	196	1097631	55.594	ng		98
44) 2,4,5-Trichlorophenol	12.80	196	1166389	55.092	ng		98
46) 1,1'-Biphenyl	13.13	154	3852639	44.329	ng		100
47) 2-Chloronaphthalene	13.17	162	2978224	46.581	ng		100
48) 2-Nitroaniline	13.39	65	896811	49.453	ng		94
49) Acenaphthylene	14.03	152	4901283	52.886	ng		100
50) Dimethylphthalate	13.78	163	3761305	50.480	ng		100
51) 2,6-Dinitrotoluene	13.90	165	833325	50.814	ng		98
52) Acenaphthene	14.37	154	2842581	48.850	ng		98
53) 3-Nitroaniline	14.22	138	300746	16.933	ng		95
54) 2,4-Dinitrophenol	14.43	184	91606	16.769	ng		97
55) Dibenzofuran	14.71	168	4533245	46.847	ng		99
56) 4-Nitrophenol	14.55	139	1805131	109.656	ng		97
57) 2,4-Dinitrotoluene	14.69	165	1144231	51.913	ng	#	98
58) Fluorene	15.36	166	3644780	50.887	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	936655	48.534	ng		99
60) Diethylphthalate	15.15	149	3750228	50.752	ng		99
61) 4-Chlorophenyl-phenylether	15.36	204	1873570	45.884	ng		97
62) 4-Nitroaniline	15.40	138	816962	41.888	ng		97
63) Azobenzene	15.65	77	3520463	49.016	ng		99
65) 4,6-Dinitro-2-methylphenol	15.45	198	126400	14.963	ng		98
66) n-Nitrosodiphenylamine	15.58	169	3217941	50.362	ng		100
67) 4-Bromophenyl-phenylether	16.26	248	1200845	51.784	ng		98
68) Hexachlorobenzene	16.36	284	1279570	47.503	ng		99
69) Atrazine	16.54	200	1165033	50.944	ng		98
70) Pentachlorophenol	16.71	266	783970	42.486	ng		99
71) Phenanthrene	17.10	178	5631900	49.426	ng		100
72) Anthracene	17.19	178	5742184	53.036	ng		100
73) Carbazole	17.47	167	5052926	45.687	ng		100
74) Di-n-butylphthalate	18.03	149	6122856	52.489	ng		99
75) Fluoranthene	19.12	202	6146704	47.939	ng		99
77) Benzidine	19.32	184	1645573	34.928	ng		99
78) Pyrene	19.49	202	6189586	59.602	ng		100
80) Butylbenzylphthalate	20.40	149	2570776	62.505	ng		96
81) Benzo(a)anthracene	21.24	228	5501345	52.614	ng		99
82) 3,3'-Dichlorobenzidine	21.17	252	770379	19.769	ng		100
83) Chrysene	21.29	228	5151543	49.776	ng		99
84) Bis(2-ethylhexyl)phthalate	21.17	149	3578845	57.954	ng		99
85) Di-n-octyl phthalate	22.05	149	5667726	54.482	ng		99
86) Indeno(1,2,3-cd)pyrene	25.68	276	5058816	43.702	ng		99
88) Benzo(b)fluoranthene	22.80	252	4975174	56.769	ng		100
89) Benzo(k)fluoranthene	22.85	252	4560660	51.861	ng		99
90) Benzo(a)pyrene	23.37	252	4506742	54.160	ng		100
91) Dibenzo(a,h)anthracene	25.69	278	4266312	51.634	ng		99
92) Benzo(g,h,i)perylene	26.36	276	4266301	52.097	ng		99

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

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