Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101918\
Data File : BM017229.D
Acq On : 19 Oct 2018 14:38
Operator : MJ/SJ
Sample : PB113600BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB113600BS

Manual Integrations APPROVED
Sohil
10/22/2018 1:09:15 PM

Quant Time: Oct 20 04:06:28 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

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	338323	20.00	ng		0.00
21) Naphthalene-d8	10.45	136	1445453	20.00	ng		0.00
39) Acenaphthene-d10	14.31	164	806868	20.00	ng		0.00
64) Phenanthrene-d10	17.06	188	1583883	20.00	ng		0.00
76) Chrysene-d12	21.25	240	1220503	20.00	ng		-0.01
87) Perylene-d12	23.46	264	1024922	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	2896300	144.79	ng		0.00
7) Phenol-d6	6.86	99	3759830	138.01	ng		0.00
23) Nitrobenzene-d5	8.82	82	2025517	81.96	ng		-0.01
42) 2,4,6-Tribromophenol	15.81	330	1347430	123.48	ng		0.00
45) 2-Fluorobiphenyl	12.93	172	4965271	81.88	ng		0.00
79) Terphenyl-d14	19.70	244	4119764	76.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.27	88	316058	30.942	ng	#	88
3) Pyridine	3.65	79	900604	38.319	ng		88
4) n-Nitrosodimethylamine	3.56	42	405313	42.958	ng	#	71
6) Aniline	7.01	93	1334079	39.150	ng		97
8) 2-Chlorophenol	7.24	128	1055152	45.596	ng		97
9) Benzaldehyde	6.82	77	487316	28.054	ng		96
10) Phenol	6.88	94	1288464	43.944	ng		98
11) bis(2-Chloroethyl)ether	7.11	93	913175	39.069	ng		97
12) 1,3-Dichlorobenzene	7.56	146	1074346	39.825	ng		97
13) 1,4-Dichlorobenzene	7.70	146	1100247	39.920	ng		98
14) 1,2-Dichlorobenzene	8.02	146	1047568	39.449	ng		98
15) Benzyl Alcohol	7.92	79	910184	45.707	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.20	45	1246909	38.185	ng		100
17) 2-Methylphenol	8.11	107	867249	46.082	ng		97
18) Hexachloroethane	8.73	117	390826	41.435	ng		98
19) n-Nitroso-di-n-propylamine	8.48	70	742729	41.404	ng		98
20) 3+4-Methylphenols	8.44	107	1166681	45.325	ng		99
22) Acetophenone	8.49	105	1495904	40.827	ng	#	99
24) Nitrobenzene	8.86	77	1100687	42.103	ng		95
25) Isophorone	9.39	82	1960593	48.041	ng		98
26) 2-Nitrophenol	9.57	139	538871	44.513	ng		96
27) 2,4-Dimethylphenol	9.63	122	961520	53.282	ng		99
28) bis(2-Chloroethoxy)methane	9.87	93	1267544	44.127	ng		99
29) 2,4-Dichlorophenol	10.10	162	989373	47.220	ng		100
30) 1,2,4-Trichlorobenzene	10.31	180	1010747	40.213	ng		99
31) Naphthalene	10.49	128	3068719	43.322	ng		100
32) Benzoic acid	9.79	122	590043	43.822	ng		91
33) 4-Chloroaniline	10.61	127	627024	20.495	ng		97
34) Hexachlorobutadiene	10.77	225	627857	39.424	ng		99
35) Caprolactam	11.41	113	265425m	34.760	ng		
36) 4-Chloro-3-methylphenol	11.74	107	1021273	43.242	ng		98
37) 2-Methylnaphthalene	12.11	142	2283465	47.108	ng		99
38) 1-Methylnaphthalene	12.33	142	2141735	45.397	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	1190773	41.906	ng	#	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	1738230	126.538	ng	100
43) 2,4,6-Trichlorophenol	12.73	196	770863	46.733	ng	99
44) 2,4,5-Trichlorophenol	12.80	196	814748	46.062	ng	97
46) 1,1'-Biphenyl	13.14	154	2882035	39.692	ng	100
47) 2-Chloronaphthalene	13.18	162	2214338	41.454	ng	100
48) 2-Nitroaniline	13.39	65	615570	41.644	ng	99
49) Acenaphthylene	14.03	152	3502394	45.235	ng	99
50) Dimethylphthalate	13.78	163	2585938	41.541	ng	99
51) 2,6-Dinitrotoluene	13.90	165	567603	41.428	ng	98
52) Acenaphthene	14.37	154	2048153	42.130	ng	98
53) 3-Nitroaniline	14.23	138	366628	24.707	ng	97
54) 2,4-Dinitrophenol	14.43	184	595007	74.641	ng	97
55) Dibenzofuran	14.71	168	3206411	39.661	ng	98
56) 4-Nitrophenol	14.55	139	926392	69.178	ng	98
57) 2,4-Dinitrotoluene	14.69	165	749836	40.719	ng	95
58) Fluorene	15.36	166	2536980	42.396	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	704603	43.701	ng	98
60) Diethylphthalate	15.15	149	2488721	40.313	ng	100
61) 4-Chlorophenyl-phenylether	15.36	204	1313101	38.491	ng	96
62) 4-Nitroaniline	15.40	138	541024	34.189	ng	98
63) Azobenzene	15.66	77	2425497	40.422	ng	99
65) 4,6-Dinitro-2-methylphenol	15.45	198	408040	41.268	ng	98
66) n-Nitrosodiphenylamine	15.58	169	2185184	45.601	ng	100
67) 4-Bromophenyl-phenylether	16.26	248	797970	45.884	ng	95
68) Hexachlorobenzene	16.36	284	858304	42.487	ng	97
69) Atrazine	16.54	200	737600	43.007	ng	98
70) Pentachlorophenol	16.71	266	969333	70.045	ng	99
71) Phenanthrene	17.10	178	3699192	43.288	ng	99
72) Anthracene	17.19	178	3751839	46.206	ng	100
73) Carbazole	17.47	167	3110406	37.500	ng	99
74) Di-n-butylphthalate	18.04	149	3616060	41.335	ng	99
75) Fluoranthene	19.12	202	3719750	38.683	ng	99
77) Benzidine	19.32	184	1811530	58.535	ng	99
78) Pyrene	19.49	202	3708639	54.367	ng	100
80) Butylbenzylphthalate	20.40	149	1309749	50.090	ng	93
81) Benzo(a)anthracene	21.24	228	3114499	45.346	ng	99
82) 3,3'-Dichlorobenzidine	21.18	252	718292	28.060	ng	99
83) Chrysene	21.29	228	2947725	43.360	ng	100
84) Bis(2-ethylhexyl)phthalate	21.18	149	1784744	45.277	ng	99
85) Di-n-octyl phthalate	22.05	149	2745143	41.636	ng	99
86) Indeno(1,2,3-cd)pyrene	25.68	276	2690360	35.382	ng	99
88) Benzo(b)fluoranthene	22.80	252	2759299	49.241	ng	100
89) Benzo(k)fluoranthene	22.85	252	2542039	45.209	ng	99
90) Benzo(a)pyrene	23.37	252	2492409	46.846	ng	99
91) Dibenzo(a,h)anthracene	25.69	278	2290819	43.362	ng	99
92) Benzo(g,h,i)perylene	26.35	276	2263116	43.221	ng	99

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

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