Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111618\
Data File : BM017685.D
Acq On : 16 Nov 2018 17:55
Operator : MJ/SJ
Sample : PB114860BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB114860BSD

Manual Integrations APPROVED
Sohil
11/19/2018 3:07:37 PM

Quant Time: Nov 16 22:42:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 18:37:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	220145	20.00	ng		0.00
21) Naphthalene-d8	10.38	136	959215	20.00	ng		0.00
39) Acenaphthene-d10	14.26	164	571614	20.00	ng		0.00
64) Phenanthrene-d10	17.01	188	1315635	20.00	ng		0.00
76) Chrysene-d12	21.22	240	1359748	20.00	ng		0.00
87) Perylene-d12	23.40	264	1175474	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	1410764	108.15	ng		0.00
7) Phenol-d6	6.80	99	1895809	104.06	ng		0.00
23) Nitrobenzene-d5	8.77	82	1743619	93.84	ng		0.00
42) 2,4,6-Tribromophenol	15.76	330	852095	103.75	ng		0.00
45) 2-Fluorobiphenyl	12.87	172	4323699	98.13	ng		0.00
79) Terphenyl-d14	19.66	244	5699414	95.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	174492	32.119	ng		96
3) Pyridine	3.60	79	544649	34.178	ng		95
4) n-Nitrosodimethylamine	3.53	42	294996	42.024	ng		97
6) Aniline	6.96	93	452114	20.012	ng		99
8) 2-Chlorophenol	7.18	128	711572	45.580	ng		98
9) Benzaldehyde	6.77	77	348589	26.266	ng		97
10) Phenol	6.83	94	890863	46.587	ng		98
11) bis(2-Chloroethyl)ether	7.05	93	606072	40.148	ng		100
12) 1,3-Dichlorobenzene	7.50	146	684554	39.084	ng		99
13) 1,4-Dichlorobenzene	7.65	146	711151	39.612	ng		100
14) 1,2-Dichlorobenzene	7.96	146	694841	39.915	ng		98
15) Benzyl Alcohol	7.86	79	639291	44.062	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.13	45	825868	35.932	ng		98
17) 2-Methylphenol	8.06	107	599696	46.552	ng		99
18) Hexachloroethane	8.67	117	255038	40.307	ng		97
19) n-Nitroso-di-n-propylamine	8.42	70	533699	40.798	ng		98
20) 3+4-Methylphenols	8.39	107	820116	45.820	ng		99
22) Acetophenone	8.43	105	1013446	42.332	ng	#	98
24) Nitrobenzene	8.81	77	792753	42.053	ng		99
25) Isophorone	9.33	82	1415340	49.319	ng		100
26) 2-Nitrophenol	9.51	139	382985	44.106	ng		97
27) 2,4-Dimethylphenol	9.58	122	666536	53.262	ng		100
28) bis(2-Chloroethoxy)methane	9.81	93	879205	45.235	ng		98
29) 2,4-Dichlorophenol	10.04	162	692775	47.689	ng		99
30) 1,2,4-Trichlorobenzene	10.25	180	697447	41.279	ng		97
31) Naphthalene	10.43	128	2116299	44.873	ng		100
32) Benzoic acid	9.75	122	474815m	41.885	ng		
33) 4-Chloroaniline	10.56	127	146408	7.089	ng		99
34) Hexachlorobutadiene	10.70	225	409953	39.084	ng		98
35) Caprolactam	11.36	113	223883m	41.849	ng		
36) 4-Chloro-3-methylphenol	11.69	107	790703	47.144	ng		98
37) 2-Methylnaphthalene	12.05	142	1607796	48.235	ng		99
38) 1-Methylnaphthalene	12.27	142	1526449	46.705	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.42	216	824231	40.891	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	1053834	101.178	ng	99
43) 2,4,6-Trichlorophenol	12.67	196	585792	46.398	ng	98
44) 2,4,5-Trichlorophenol	12.75	196	632059	47.413	ng	98
46) 1,1'-Biphenyl	13.08	154	2088455	40.704	ng	100
47) 2-Chloronaphthalene	13.12	162	1635845	42.954	ng	98
48) 2-Nitroaniline	13.35	65	521823	44.306	ng	97
49) Acenaphthylene	13.97	152	2718163	47.505	ng	100
50) Dimethylphthalate	13.73	163	2095349	45.086	ng	99
51) 2,6-Dinitrotoluene	13.85	165	476579	46.052	ng	98
52) Acenaphthene	14.32	154	1560009	44.425	ng	100
53) 3-Nitroaniline	14.18	138	189871	16.852	ng	98
54) 2,4-Dinitrophenol	14.39	184	532915	83.961	ng	99
55) Dibenzofuran	14.66	168	2543515	44.323	ng	99
56) 4-Nitrophenol	14.50	139	803621	84.553	ng	99
57) 2,4-Dinitrotoluene	14.65	165	682842	48.950	ng	99
58) Fluorene	15.31	166	2106165	47.941	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.89	232	597529	48.732	ng	99
60) Diethylphthalate	15.10	149	2171119	43.237	ng	99
61) 4-Chlorophenyl-phenylether	15.31	204	1073429	43.006	ng	100
62) 4-Nitroaniline	15.36	138	458200	43.151	ng	97
63) Azobenzene	15.60	77	2089349	45.010	ng	98
65) 4,6-Dinitro-2-methylphenol	15.41	198	370535	40.655	ng	98
66) n-Nitrosodiphenylamine	15.53	169	1856137	43.881	ng	99
67) 4-Bromophenyl-phenylether	16.21	248	667884	42.923	ng	98
68) Hexachlorobenzene	16.31	284	747634	42.622	ng	99
69) Atrazine	16.50	200	685315	44.050	ng	97
70) Pentachlorophenol	16.66	266	939873	76.471	ng	100
71) Phenanthrene	17.05	178	3350544	46.933	ng	100
72) Anthracene	17.15	178	3426341	49.323	ng	99
73) Carbazole	17.42	167	3086495	43.969	ng	100
74) Di-n-butylphthalate	17.99	149	3715717	47.550	ng	99
75) Fluoranthene	19.07	202	3902382	48.312	ng	99
77) Benzidine	19.28	184	1122095	25.342	ng	99
78) Pyrene	19.44	202	3974764	47.376	ng	99
80) Butylbenzylphthalate	20.36	149	1677891	49.240	ng	99
81) Benzo(a)anthracene	21.20	228	3753437	47.914	ng	99
82) 3,3'-Dichlorobenzidine	21.14	252	678772	22.451	ng	100
83) Chrysene	21.25	228	3526708	46.351	ng	100
84) Bis(2-ethylhexyl)phthalate	21.14	149	2353519	46.720	ng	99
85) Di-n-octyl phthalate	22.00	149	3984149	49.392	ng	99
86) Indeno(1,2,3-cd)pyrene	25.59	276	3137296	51.599	ng	99
88) Benzo(b)fluoranthene	22.75	252	3482803	50.593	ng	100
89) Benzo(k)fluoranthene	22.79	252	3219678	46.274	ng	99
90) Benzo(a)pyrene	23.31	252	3109675	49.543	ng	99
91) Dibenzo(a,h)anthracene	25.60	278	2668690	50.573	ng	99
92) Benzo(g,h,i)perylene	26.26	276	2537172	51.129	ng	100

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

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