Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111318\
Data File : BM017641.D
Acq On : 14 Nov 2018 03:27
Operator : MJ/SJ
Sample : PB114777BSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB114777BSD

Manual Integrations APPROVED
Sohil
11/14/2018 5:18:21 PM

Quant Time: Nov 14 11:10:06 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	7.62	152	199353	20.00	ng		0.00
21) Naphthalene-d8	10.39	136	836627	20.00	ng		0.00
39) Acenaphthene-d10	14.26	164	488507	20.00	ng		0.00
64) Phenanthrene-d10	17.02	188	1086632	20.00	ng		0.00
76) Chrysene-d12	21.22	240	1072144	20.00	ng		0.00
87) Perylene-d12	23.41	264	896060	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	1751838	148.30	ng		0.00
7) Phenol-d6	6.81	99	2308915	139.95	ng		0.00
23) Nitrobenzene-d5	8.77	82	1077635	66.50	ng		0.00
42) 2,4,6-Tribromophenol	15.76	330	967702	137.87	ng		0.00
45) 2-Fluorobiphenyl	12.87	172	2483367	65.95	ng		0.00
79) Terphenyl-d14	19.66	244	3613414	76.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	289794	58.906	ng		99
3) Pyridine	3.61	79	559592	38.778	ng		99
4) n-Nitrosodimethylamine	3.53	42	298926	47.025	ng		98
6) Aniline	6.96	93	788678	38.549	ng		99
8) 2-Chlorophenol	7.19	128	659740	46.668	ng		99
9) Benzaldehyde	6.77	77	394148	32.796	ng		95
10) Phenol	6.83	94	813071	46.953	ng		99
11) bis(2-Chloroethyl)ether	7.06	93	576928	42.203	ng		99
12) 1,3-Dichlorobenzene	7.50	146	659309	41.569	ng		97
13) 1,4-Dichlorobenzene	7.65	146	682683	41.993	ng		100
14) 1,2-Dichlorobenzene	7.96	146	654542	41.522	ng		99
15) Benzyl Alcohol	7.86	79	573092	43.619	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.15	45	863602	41.493	ng		99
17) 2-Methylphenol	8.06	107	535442	45.900	ng		97
18) Hexachloroethane	8.67	117	247908	43.266	ng		96
19) n-Nitroso-di-n-propylamine	8.42	70	488898	41.271	ng		99
20) 3+4-Methylphenols	8.39	107	735279	45.365	ng		99
22) Acetophenone	8.44	105	943653	45.193	ng	#	99
24) Nitrobenzene	8.81	77	721191	43.862	ng		100
25) Isophorone	9.33	82	1254940	50.137	ng		99
26) 2-Nitrophenol	9.52	139	347275	45.854	ng		99
27) 2,4-Dimethylphenol	9.58	122	593734	54.396	ng		99
28) bis(2-Chloroethoxy)methane	9.82	93	802512	47.339	ng		99
29) 2,4-Dichlorophenol	10.05	162	619977	48.931	ng		99
30) 1,2,4-Trichlorobenzene	10.25	180	646697	43.884	ng		97
31) Naphthalene	10.43	128	1951364	47.439	ng		99
32) Benzoic acid	9.75	122	421628m	42.643	ng		
33) 4-Chloroaniline	10.56	127	421813	23.415	ng		99
34) Hexachlorobutadiene	10.72	225	390391	42.672	ng		97
35) Caprolactam	11.36	113	187934m	40.277	ng		
36) 4-Chloro-3-methylphenol	11.69	107	681983	46.620	ng		98
37) 2-Methylnaphthalene	12.06	142	1450527	49.894	ng		98
38) 1-Methylnaphthalene	12.28	142	1376726	48.296	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	746244	43.320	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	1021991	114.814	ng	99
43) 2,4,6-Trichlorophenol	12.68	196	511408	47.397	ng	99
44) 2,4,5-Trichlorophenol	12.75	196	538665	47.282	ng	99
46) 1,1'-Biphenyl	13.09	154	1832168	41.783	ng	99
47) 2-Chloronaphthalene	13.13	162	1441249	44.282	ng	98
48) 2-Nitroaniline	13.34	65	456557	45.360	ng	97
49) Acenaphthylene	13.98	152	2360157	48.265	ng	99
50) Dimethylphthalate	13.73	163	1783089	44.894	ng	99
51) 2,6-Dinitrotoluene	13.85	165	401881	45.441	ng	99
52) Acenaphthene	14.33	154	1355981	45.184	ng	100
53) 3-Nitroaniline	14.19	138	298047	30.953	ng	98
54) 2,4-Dinitrophenol	14.40	184	473411	86.994	ng	98
55) Dibenzofuran	14.66	168	2183645	44.526	ng	98
56) 4-Nitrophenol	14.50	139	653731	80.723	ng	98
57) 2,4-Dinitrotoluene	14.64	165	566397	47.510	ng	98
58) Fluorene	15.32	166	1799517	47.930	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.89	232	500546	47.768	ng	99
60) Diethylphthalate	15.10	149	1812523	42.236	ng	99
61) 4-Chlorophenyl-phenylether	15.32	204	903561	42.359	ng	99
62) 4-Nitroaniline	15.36	138	382323	42.130	ng	98
63) Azobenzene	15.61	77	1755790	44.259	ng	99
65) 4,6-Dinitro-2-methylphenol	15.41	198	315558	41.920	ng	96
66) n-Nitrosodiphenylamine	15.53	169	1563365	44.749	ng	98
67) 4-Bromophenyl-phenylether	16.21	248	558152	43.431	ng	97
68) Hexachlorobenzene	16.32	284	624529	43.107	ng	99
69) Atrazine	16.50	200	559718	43.559	ng	98
70) Pentachlorophenol	16.67	266	779365	76.775	ng	98
71) Phenanthrene	17.06	178	2775361	47.069	ng	99
72) Anthracene	17.14	178	2831098	49.343	ng	100
73) Carbazole	17.43	167	2506835	43.238	ng	100
74) Di-n-butylphthalate	17.99	149	3000595	46.491	ng	99
75) Fluoranthene	19.08	202	3141321	47.086	ng	99
77) Benzidine	19.28	184	1935603	55.440	ng	100
78) Pyrene	19.44	202	3225490	48.758	ng	100
80) Butylbenzylphthalate	20.36	149	1310557	48.777	ng	98
81) Benzo(a)anthracene	21.20	228	2988078	48.376	ng	99
82) 3,3'-Dichlorobenzidine	21.14	252	731192	30.672	ng	98
83) Chrysene	21.25	228	2771039	46.189	ng	100
84) Bis(2-ethylhexyl)phthalate	21.14	149	1824796	45.941	ng	100
85) Di-n-octyl phthalate	22.01	149	2983580	46.910	ng	100
86) Indeno(1,2,3-cd)pyrene	25.60	276	2416094	50.397	ng	100
88) Benzo(b)fluoranthene	22.76	252	2562206	48.826	ng	99
89) Benzo(k)fluoranthene	22.80	252	2548009	48.040	ng	99
90) Benzo(a)pyrene	23.31	252	2366434	49.458	ng	100
91) Dibenzo(a,h)anthracene	25.60	278	2062173	51.265	ng	99
92) Benzo(g,h,i)perylene	26.26	276	1974335	52.194	ng	99

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

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