Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111018\
Data File : BM017606.D
Acq On : 10 Nov 2018 00:01
Operator : MJ/SJ
Sample : PB114693BSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB114693BSD

Manual Integrations APPROVED
Sohil
11/12/2018 11:53:19 AM

Quant Time: Nov 12 01:47:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 29 15:08:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	226955	20.00	ng		-0.03
21) Naphthalene-d8	10.39	136	957274	20.00	ng		-0.03
39) Acenaphthene-d10	14.26	164	577454	20.00	ng		-0.03
64) Phenanthrene-d10	17.02	188	1317898	20.00	ng		-0.03
76) Chrysene-d12	21.22	240	1347264	20.00	ng		-0.03
87) Perylene-d12	23.41	264	1154422	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	2004622	149.39	ng		-0.02
7) Phenol-d6	6.81	99	2656427	145.35	ng		-0.02
23) Nitrobenzene-d5	8.77	82	1245323	76.08	ng		-0.03
42) 2,4,6-Tribromophenol	15.76	330	1169442	149.75	ng		-0.03
45) 2-Fluorobiphenyl	12.87	172	2895118	66.71	ng		-0.03
79) Terphenyl-d14	19.66	244	4405023	73.70	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	309839	45.218	ng	#	84
3) Pyridine	3.61	79	648867	41.156	ng	#	81
4) n-Nitrosodimethylamine	3.53	42	334605	52.867	ng	#	66
6) Aniline	6.96	93	920512	40.269	ng		95
8) 2-Chlorophenol	7.19	128	759081	48.898	ng		95
9) Benzaldehyde	6.77	77	505087	43.345	ng		92
10) Phenol	6.84	94	935987	47.587	ng		98
11) bis(2-Chloroethyl)ether	7.06	93	651527	41.553	ng		94
12) 1,3-Dichlorobenzene	7.50	146	754198	41.676	ng		96
13) 1,4-Dichlorobenzene	7.65	146	783768	42.391	ng		98
14) 1,2-Dichlorobenzene	7.96	146	747430	41.958	ng		99
15) Benzyl Alcohol	7.87	79	665194	49.796	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.15	45	975831	44.548	ng		96
17) 2-Methylphenol	8.07	107	624775	49.488	ng		96
18) Hexachloroethane	8.68	117	280292	44.299	ng		96
19) n-Nitroso-di-n-propylamine	8.43	70	559897	46.527	ng		95
20) 3+4-Methylphenols	8.39	107	857743	49.675	ng		97
22) Acetophenone	8.44	105	1079049	44.468	ng	#	97
24) Nitrobenzene	8.82	77	829779	47.927	ng		93
25) Isophorone	9.34	82	1463870	54.162	ng		97
26) 2-Nitrophenol	9.52	139	398713	49.063	ng		90
27) 2,4-Dimethylphenol	9.58	122	696749	58.300	ng		100
28) bis(2-Chloroethoxy)methane	9.82	93	921246	48.427	ng		100
29) 2,4-Dichlorophenol	10.05	162	721699	52.010	ng		98
30) 1,2,4-Trichlorobenzene	10.26	180	739879	44.448	ng		99
31) Naphthalene	10.44	128	2251497	47.994	ng		99
32) Benzoic acid	9.75	122	487613m	54.682	ng		
33) 4-Chloroaniline	10.56	127	485629	23.969	ng		96
34) Hexachlorobutadiene	10.72	225	440078	41.725	ng		99
35) Caprolactam	11.36	113	227050m	44.898	ng		
36) 4-Chloro-3-methylphenol	11.69	107	805079	51.472	ng		94
37) 2-Methylnaphthalene	12.06	142	1679255	52.310	ng		98
38) 1-Methylnaphthalene	12.28	142	1592636	50.973	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	861533	42.365	ng	#	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	1200826	122.146	ng		100
43) 2,4,6-Trichlorophenol	12.69	196	603762	51.144	ng		99
44) 2,4,5-Trichlorophenol	12.76	196	650902	51.418	ng		98
46) 1,1'-Biphenyl	13.09	154	2156161	41.493	ng		98
47) 2-Chloronaphthalene	13.13	162	1684275	44.058	ng		99
48) 2-Nitroaniline	13.35	65	540732	49.821	ng		96
49) Acenaphthylene	13.99	152	2787134	50.298	ng		100
50) Dimethylphthalate	13.73	163	2133145	47.881	ng		99
51) 2,6-Dinitrotoluene	13.86	165	479763	48.928	ng		91
52) Acenaphthene	14.33	154	1601045	46.017	ng		98
53) 3-Nitroaniline	14.19	138	344949	32.482	ng		91
54) 2,4-Dinitrophenol	14.40	184	595713	101.136	ng		96
55) Dibenzofuran	14.67	168	2607540	45.068	ng		99
56) 4-Nitrophenol	14.51	139	829093	85.327	ng		91
57) 2,4-Dinitrotoluene	14.65	165	677691	51.422	ng	#	88
58) Fluorene	15.32	166	2143751	50.058	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.90	232	603407	52.293	ng		97
60) Diethylphthalate	15.11	149	2183893	49.430	ng		99
61) 4-Chlorophenyl-phenylether	15.32	204	1081346	44.291	ng		99
62) 4-Nitroaniline	15.36	138	469143	40.418	ng		91
63) Azobenzene	15.61	77	2096818	48.827	ng		94
65) 4,6-Dinitro-2-methylphenol	15.42	198	390403	46.404	ng		94
66) n-Nitrosodiphenylamine	15.54	169	1882159	47.204	ng		99
67) 4-Bromophenyl-phenylether	16.22	248	677494	46.819	ng		97
68) Hexachlorobenzene	16.32	284	759494	45.184	ng		98
69) Atrazine	16.50	200	689819	48.338	ng		98
70) Pentachlorophenol	16.67	266	965731	83.869	ng		99
71) Phenanthrene	17.06	178	3357361	47.217	ng		100
72) Anthracene	17.15	178	3432119	50.799	ng		100
73) Carbazole	17.43	167	3070637	44.492	ng		100
74) Di-n-butylphthalate	18.00	149	3698174	50.805	ng		99
75) Fluoranthene	19.09	202	3837215	47.958	ng		99
77) Benzidine	19.29	184	2652080	77.633	ng		98
78) Pyrene	19.45	202	3936779	52.282	ng		100
80) Butylbenzylphthalate	20.36	149	1636024	55.737	ng		91
81) Benzo(a)anthracene	21.20	228	3713107	48.975	ng		100
82) 3,3'-Dichlorobenzidine	21.14	252	924572	32.720	ng		100
83) Chrysene	21.26	228	3476435	46.326	ng		100
84) Bis(2-ethylhexyl)phthalate	21.14	149	2310744	52.188	ng		99
85) Di-n-octyl phthalate	22.01	149	3787075	50.643	ng		97
86) Indeno(1,2,3-cd)pyrene	25.61	276	3076720m	36.656	ng		
88) Benzo(b)fluoranthene	22.76	252	3369119	53.379	ng		99
89) Benzo(k)fluoranthene	22.80	252	3168436	50.028	ng		99
90) Benzo(a)pyrene	23.31	252	3051588	50.922	ng		100
91) Dibenzo(a,h)anthracene	25.61	278	2590164	43.528	ng		99
92) Benzo(g,h,i)perylene	26.27	276	2455756	41.639	ng		99

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

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