Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111018\
Data File : BM017600.D
Acq On : 09 Nov 2018 20:24
Operator : MJ/SJ
Sample : J5863-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RT-3263MS

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

Quant Time: Nov 12 01:26:19 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	273197	20.00	ng		-0.03
21) Naphthalene-d8	10.39	136	1168850	20.00	ng		-0.03
39) Acenaphthene-d10	14.26	164	712337	20.00	ng		-0.03
64) Phenanthrene-d10	17.02	188	1656452	20.00	ng		-0.02
76) Chrysene-d12	21.22	240	1864092	20.00	ng		-0.02
87) Perylene-d12	23.42	264	1683233	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	2657675	164.53	ng		-0.02
7) Phenol-d6	6.82	99	3661102	166.42	ng		-0.02
23) Nitrobenzene-d5	8.78	82	2334964	116.83	ng		-0.02
42) 2,4,6-Tribromophenol	15.77	330	1733127	179.91	ng		-0.02
45) 2-Fluorobiphenyl	12.88	172	5422208	101.28	ng		-0.02
79) Terphenyl-d14	19.66	244	8353239	101.00	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	237477	28.791	ng	#	80
3) Pyridine	3.61	79	599324	31.579	ng	#	77
4) n-Nitrosodimethylamine	3.53	42	429770	56.409	ng	#	62
6) Aniline	6.97	93	1217191	44.235	ng		96
8) 2-Chlorophenol	7.19	128	946446	50.648	ng		94
9) Benzaldehyde	6.78	77	536452	38.244	ng		92
10) Phenol	6.84	94	1390160	58.715	ng		94
11) bis(2-Chloroethyl)ether	7.06	93	825589	43.742	ng		94
12) 1,3-Dichlorobenzene	7.51	146	948152	43.526	ng		96
13) 1,4-Dichlorobenzene	7.66	146	967209	43.459	ng		96
14) 1,2-Dichlorobenzene	7.96	146	947870	44.204	ng		99
15) Benzyl Alcohol	7.87	79	879434	54.691	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.15	45	1254399	47.572	ng		97
17) 2-Methylphenol	8.07	107	804751	52.955	ng		96
18) Hexachloroethane	8.68	117	354894	46.595	ng		98
19) n-Nitroso-di-n-propylamine	8.43	70	741337	51.178	ng		96
20) 3+4-Methylphenols	8.40	107	1107012	53.260	ng		97
22) Acetophenone	8.45	105	1425119	48.099	ng	#	95
24) Nitrobenzene	8.82	77	1073769	50.793	ng		93
25) Isophorone	9.35	82	1974530	59.832	ng		98
26) 2-Nitrophenol	9.52	139	519265	51.951	ng		94
27) 2,4-Dimethylphenol	9.59	122	903870	61.940	ng		99
28) bis(2-Chloroethoxy)methane	9.82	93	1207175	51.971	ng		99
29) 2,4-Dichlorophenol	10.05	162	945754	55.820	ng		99
30) 1,2,4-Trichlorobenzene	10.26	180	955496	47.011	ng		100
31) Naphthalene	10.44	128	2932008	51.187	ng		100
32) Benzoic acid	9.76	122	586246m	53.843	ng		
33) 4-Chloroaniline	10.56	127	670165	27.090	ng		96
34) Hexachlorobutadiene	10.72	225	573864	44.561	ng		99
35) Caprolactam	11.45	113	315160m	51.041	ng		
36) 4-Chloro-3-methylphenol	11.70	107	1081648	56.636	ng		95
37) 2-Methylnaphthalene	12.06	142	2233559	56.983	ng		98
38) 1-Methylnaphthalene	12.29	142	2133417	55.922	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	1149599	45.826	ng	#	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.41	237	1470665	121.267	ng		100
43) 2,4,6-Trichlorophenol	12.69	196	814992	55.965	ng		100
44) 2,4,5-Trichlorophenol	12.76	196	870422	55.740	ng		96
46) 1,1'-Biphenyl	13.09	154	2885882	45.019	ng		99
47) 2-Chloronaphthalene	13.13	162	2244085	47.586	ng		99
48) 2-Nitroaniline	13.35	65	751138	55.386	ng		97
49) Acenaphthylene	13.99	152	3751947	54.888	ng		100
50) Dimethylphthalate	13.74	163	3202946	58.281	ng		99
51) 2,6-Dinitrotoluene	13.86	165	659231	54.501	ng		91
52) Acenaphthene	14.33	154	2172498	50.618	ng		98
53) 3-Nitroaniline	14.19	138	536744	40.972	ng		92
54) 2,4-Dinitrophenol	14.40	184	868233	117.999	ng		97
55) Dibenzofuran	14.67	168	3529527	49.452	ng		98
56) 4-Nitrophenol	14.52	139	1667136	136.116	ng		95
57) 2,4-Dinitrotoluene	14.66	165	942819	57.994	ng	#	89
58) Fluorene	15.32	166	2938591	55.625	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.90	232	831326	58.403	ng		98
60) Diethylphthalate	15.11	149	2987899	54.822	ng		100
61) 4-Chlorophenyl-phenylether	15.32	204	1464815	48.637	ng		98
62) 4-Nitroaniline	15.37	138	697949	47.765	ng		93
63) Azobenzene	15.62	77	2957438	55.827	ng		96
65) 4,6-Dinitro-2-methylphenol	15.42	198	588431	54.252	ng		97
66) n-Nitrosodiphenylamine	15.55	169	2578697	51.455	ng		99
67) 4-Bromophenyl-phenylether	16.22	248	943729	51.888	ng		97
68) Hexachlorobenzene	16.32	284	1031295	48.814	ng		97
69) Atrazine	16.50	200	960079	53.526	ng		98
70) Pentachlorophenol	16.67	266	1352715	93.466	ng		99
71) Phenanthrene	17.06	178	4666438	52.214	ng		100
72) Anthracene	17.15	178	4784695	56.344	ng		99
73) Carbazole	17.43	167	4406069	50.794	ng		99
74) Di-n-butylphthalate	18.00	149	5228504	57.148	ng		99
75) Fluoranthene	19.09	202	5532735	55.016	ng		99
77) Benzidine	19.29	184	1332694	28.195	ng		98
78) Pyrene	19.45	202	5604509	53.794	ng		100
80) Butylbenzylphthalate	20.36	149	2446895	59.668	ng		90
81) Benzo(a)anthracene	21.20	228	5603649	53.419	ng		99
82) 3,3'-Dichlorobenzidine	21.14	252	1675293	42.850	ng		100
83) Chrysene	21.26	228	5218096	50.256	ng		99
84) Bis(2-ethylhexyl)phthalate	21.14	149	3522297	56.955	ng		100
85) Di-n-octyl phthalate	22.01	149	5888651	56.224	ng		97
86) Indeno(1,2,3-cd)pyrene	25.61	276	4807660m	41.398	ng		
88) Benzo(b)fluoranthene	22.76	252	5123164	55.669	ng		100
89) Benzo(k)fluoranthene	22.80	252	5113507	55.375	ng		100
90) Benzo(a)pyrene	23.32	252	4804625	54.986	ng		99
91) Dibenzo(a,h)anthracene	25.62	278	4072061	46.933	ng		99
92) Benzo(g,h,i)perylene	26.28	276	3879459	45.114	ng		100

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

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