Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111018\
Data File : BM017601.D
Acq On : 09 Nov 2018 21:00
Operator : MJ/SJ
Sample : J5863-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : RT-3263MSD

Manual Integrations APPROVED
Sohil
11/12/2018 11:53:15 AM

Quant Time: Nov 12 01:29:57 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	215849	20.00	ng		-0.03
21) Naphthalene-d8	10.39	136	915815	20.00	ng		-0.03
39) Acenaphthene-d10	14.26	164	551776	20.00	ng		-0.03
64) Phenanthrene-d10	17.02	188	1282958	20.00	ng		-0.03
76) Chrysene-d12	21.22	240	1424265	20.00	ng		-0.02
87) Perylene-d12	23.41	264	1302998	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	1601912	125.52	ng		-0.02
7) Phenol-d6	6.81	99	2227052	128.13	ng		-0.02
23) Nitrobenzene-d5	8.77	82	1376675	87.92	ng		-0.03
42) 2,4,6-Tribromophenol	15.76	330	989792	132.65	ng		-0.03
45) 2-Fluorobiphenyl	12.87	172	3175674	76.58	ng		-0.03
79) Terphenyl-d14	19.66	244	4942087	78.21	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	157800	24.214	ng	#	84
3) Pyridine	3.62	79	442188	29.490	ng	#	80
4) n-Nitrosodimethylamine	3.53	42	260461	43.269	ng	#	64
6) Aniline	6.96	93	701495	32.267	ng		95
8) 2-Chlorophenol	7.19	128	569089	38.545	ng		93
9) Benzaldehyde	6.77	77	321842	29.041	ng		87
10) Phenol	6.83	94	850062	45.442	ng		98
11) bis(2-Chloroethyl)ether	7.06	93	504353	33.822	ng		97
12) 1,3-Dichlorobenzene	7.50	146	573069	33.297	ng		97
13) 1,4-Dichlorobenzene	7.65	146	588398	33.462	ng		98
14) 1,2-Dichlorobenzene	7.96	146	566247	33.423	ng		97
15) Benzyl Alcohol	7.87	79	512597	40.347	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.14	45	758149	36.391	ng		97
17) 2-Methylphenol	8.06	107	487723	40.620	ng		96
18) Hexachloroethane	8.67	117	208810	34.699	ng		97
19) n-Nitroso-di-n-propylamine	8.43	70	434573	37.971	ng		96
20) 3+4-Methylphenols	8.39	107	658454	40.096	ng		97
22) Acetophenone	8.44	105	841116	36.232	ng	#	96
24) Nitrobenzene	8.82	77	639766	38.625	ng		93
25) Isophorone	9.34	82	1155505	44.688	ng		97
26) 2-Nitrophenol	9.52	139	304304	40.294	ng		95
27) 2,4-Dimethylphenol	9.58	122	531619	46.496	ng		99
28) bis(2-Chloroethoxy)methane	9.82	93	720562	39.593	ng		100
29) 2,4-Dichlorophenol	10.05	162	554896	41.800	ng		99
30) 1,2,4-Trichlorobenzene	10.26	180	565181	35.490	ng		99
31) Naphthalene	10.44	128	1741970	38.814	ng		99
32) Benzoic acid	9.74	122	378279m	44.342	ng		
33) 4-Chloroaniline	10.57	127	442592	22.834	ng		97
34) Hexachlorobutadiene	10.72	225	332398	32.942	ng		97
35) Caprolactam	11.41	113	186113m	38.469	ng		
36) 4-Chloro-3-methylphenol	11.69	107	633207	42.316	ng		94
37) 2-Methylnaphthalene	12.06	142	1306661	42.546	ng		97
38) 1-Methylnaphthalene	12.28	142	1251251	41.860	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	676941	34.837	ng	#	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	835578	88.949	ng		98
43) 2,4,6-Trichlorophenol	12.68	196	470803	41.737	ng		98
44) 2,4,5-Trichlorophenol	12.76	196	514393	42.526	ng		98
46) 1,1'-Biphenyl	13.09	154	1692437	34.084	ng		99
47) 2-Chloronaphthalene	13.13	162	1305215	35.731	ng		98
48) 2-Nitroaniline	13.35	65	431769	42.568	ng		98
49) Acenaphthylene	13.98	152	2172703	41.034	ng		100
50) Dimethylphthalate	13.73	163	1903809	44.722	ng		99
51) 2,6-Dinitrotoluene	13.86	165	378644	40.413	ng		97
52) Acenaphthene	14.33	154	1259920	37.898	ng		98
53) 3-Nitroaniline	14.19	138	308568	30.408	ng		96
54) 2,4-Dinitrophenol	14.40	184	484792	87.355	ng		97
55) Dibenzofuran	14.67	168	2048099	37.046	ng		99
56) 4-Nitrophenol	14.51	139	944645	100.836	ng		90
57) 2,4-Dinitrotoluene	14.65	165	544733	43.257	ng	#	89
58) Fluorene	15.32	166	1683211	41.133	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.90	232	481878	43.704	ng		97
60) Diethylphthalate	15.11	149	1729277	40.962	ng		99
61) 4-Chlorophenyl-phenylether	15.32	204	842086	36.096	ng		96
62) 4-Nitroaniline	15.36	138	388907	35.695	ng		98
63) Azobenzene	15.61	77	1686647	41.103	ng		95
65) 4,6-Dinitro-2-methylphenol	15.42	198	326814	40.884	ng		96
66) n-Nitrosodiphenylamine	15.54	169	1499272	38.625	ng		99
67) 4-Bromophenyl-phenylether	16.22	248	543119	38.555	ng		99
68) Hexachlorobenzene	16.32	284	593434	36.266	ng		99
69) Atrazine	16.50	200	555015	39.951	ng		98
70) Pentachlorophenol	16.67	266	766303	68.362	ng		100
71) Phenanthrene	17.06	178	2711594	39.174	ng		99
72) Anthracene	17.15	178	2742178	41.693	ng		99
73) Carbazole	17.43	167	2559676	38.099	ng		100
74) Di-n-butylphthalate	18.00	149	2969335	41.903	ng		99
75) Fluoranthene	19.09	202	3172219	40.727	ng		98
77) Benzidine	19.29	184	1004239	27.807	ng		99
78) Pyrene	19.45	202	3253262	40.869	ng		100
80) Butylbenzylphthalate	20.36	149	1373268	45.734	ng		92
81) Benzo(a)anthracene	21.20	228	3243775	40.472	ng		100
82) 3,3'-Dichlorobenzidine	21.14	252	1022362	34.225	ng		100
83) Chrysene	21.26	228	3040294	38.324	ng		100
84) Bis(2-ethylhexyl)phthalate	21.14	149	1975147	43.213	ng		99
85) Di-n-octyl phthalate	22.01	149	3335056	43.118	ng		97
86) Indeno(1,2,3-cd)pyrene	25.60	276	2770781m	31.227	ng		
88) Benzo(b)fluoranthene	22.76	252	3050382	42.819	ng		99
89) Benzo(k)fluoranthene	22.80	252	2926599	40.941	ng		99
90) Benzo(a)pyrene	23.31	252	2794831	41.319	ng		99
91) Dibenzo(a,h)anthracene	25.61	278	2345245	34.918	ng		99
92) Benzo(g,h,i)perylene	26.27	276	2217014	33.305	ng		98

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

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