Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101818\
Data File : BM017211.D
Acq On : 19 Oct 2018 02:09
Operator : MJ/SJ
Sample : J5569-10MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RLF-SW-5MS

Manual Integrations APPROVED
Sohil
10/19/2018 2:37:45 PM

Quant Time: Oct 19 13:59:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 14:23:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	329448	20.00	ng		0.00
21) Naphthalene-d8	10.45	136	1350712	20.00	ng		0.00
39) Acenaphthene-d10	14.31	164	756890	20.00	ng		0.00
64) Phenanthrene-d10	17.06	188	1552393	20.00	ng		0.00
76) Chrysene-d12	21.25	240	1333530	20.00	ng		-0.01
87) Perylene-d12	23.46	264	1360740	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1493551	76.68	ng		0.00
7) Phenol-d6	6.85	99	1466134	55.27	ng		0.00
23) Nitrobenzene-d5	8.83	82	2014524	87.23	ng		0.00
42) 2,4,6-Tribromophenol	15.81	330	1168348	114.14	ng		0.00
45) 2-Fluorobiphenyl	12.93	172	4567440	80.29	ng		0.00
79) Terphenyl-d14	19.70	244	5214216	88.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	201525	20.261	ng	#	85
3) Pyridine	3.65	79	515596	22.529	ng	#	84
4) n-Nitrosodimethylamine	3.56	42	295013	32.110	ng	#	67
6) Aniline	7.01	93	813295	24.510	ng		98
8) 2-Chlorophenol	7.24	128	965993	42.867	ng		95
9) Benzaldehyde	6.82	77	732044	43.278	ng		93
10) Phenol	6.88	94	712492	24.955	ng		99
11) bis(2-Chloroethyl)ether	7.11	93	1011838	44.457	ng		98
12) 1,3-Dichlorobenzene	7.56	146	1090603	41.517	ng		96
13) 1,4-Dichlorobenzene	7.70	146	1117278	41.630	ng		97
14) 1,2-Dichlorobenzene	8.02	146	1090944	42.189	ng		99
15) Benzyl Alcohol	7.92	79	821214	42.350	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.20	45	1396131	43.906	ng		99
17) 2-Methylphenol	8.12	107	729535	39.809	ng		97
18) Hexachloroethane	8.73	117	395762	43.089	ng		98
19) n-Nitroso-di-n-propylamine	8.48	70	839222	48.043	ng		99
20) 3+4-Methylphenols	8.44	107	922188	36.792	ng		98
22) Acetophenone	8.49	105	1664393	48.611	ng	#	98
24) Nitrobenzene	8.87	77	1241731	50.830	ng		94
25) Isophorone	9.39	82	2213098	58.032	ng		98
26) 2-Nitrophenol	9.57	139	552058	48.252	ng		95
27) 2,4-Dimethylphenol	9.63	122	911402	54.047	ng		99
28) bis(2-Chloroethoxy)methane	9.87	93	1409570	52.514	ng		100
29) 2,4-Dichlorophenol	10.10	162	984344	50.275	ng		98
30) 1,2,4-Trichlorobenzene	10.31	180	1107643	47.159	ng		99
31) Naphthalene	10.50	128	3361294	50.780	ng		100
32) Benzoic acid	9.76	122	317046	25.198	ng		89
33) 4-Chloroaniline	10.62	127	279063	9.762	ng		97
34) Hexachlorobutadiene	10.77	225	675021	45.358	ng		99
35) Caprolactam	11.47	113	78331m	10.978	ng		
36) 4-Chloro-3-methylphenol	11.74	107	1009755	45.753	ng		95
37) 2-Methylnaphthalene	12.12	142	2542541	56.132	ng		98
38) 1-Methylnaphthalene	12.33	142	2403465	54.518	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	1317874	49.442	ng	#	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	1805709	140.130	ng	100
43) 2,4,6-Trichlorophenol	12.73	196	807487	52.186	ng	100
44) 2,4,5-Trichlorophenol	12.80	196	861668	51.931	ng	96
46) 1,1'-Biphenyl	13.14	154	3220157	47.277	ng	100
47) 2-Chloronaphthalene	13.18	162	2496158	49.815	ng	99
48) 2-Nitroaniline	13.39	65	707595	49.749	ng	99
49) Acenaphthylene	14.03	152	3945023	54.316	ng	99
50) Dimethylphthalate	13.78	163	3097542	53.045	ng	99
51) 2,6-Dinitrotoluene	13.90	165	656766	51.101	ng	95
52) Acenaphthene	14.37	154	2339626	51.304	ng	98
53) 3-Nitroaniline	14.23	138	261809	18.808	ng	94
54) 2,4-Dinitrophenol	14.44	184	756954	98.296	ng	97
55) Dibenzofuran	14.72	168	3716064	49.001	ng	99
56) 4-Nitrophenol	14.54	139	834685	66.632	ng	95
57) 2,4-Dinitrotoluene	14.69	165	885964	51.289	ng	100
58) Fluorene	15.36	166	2943775	52.443	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	778334	51.461	ng	98
60) Diethylphthalate	15.15	149	2935722	50.694	ng	100
61) 4-Chlorophenyl-phenylether	15.36	204	1516883	47.401	ng	96
62) 4-Nitroaniline	15.40	138	626683	41.100	ng	94
63) Azobenzene	15.66	77	2848896	50.613	ng	98
65) 4,6-Dinitro-2-methylphenol	15.45	198	488818	48.884	ng	97
66) n-Nitrosodiphenylamine	15.58	169	2548499	54.261	ng	100
67) 4-Bromophenyl-phenylether	16.26	248	937171	54.981	ng	94
68) Hexachlorobenzene	16.36	284	1010290	51.025	ng	96
69) Atrazine	16.54	200	861084	51.225	ng	98
70) Pentachlorophenol	16.71	266	1089116	80.297	ng	99
71) Phenanthrene	17.10	178	4362413	52.084	ng	100
72) Anthracene	17.19	178	4429342	55.656	ng	99
73) Carbazole	17.47	167	3783995	46.546	ng	99
74) Di-n-butylphthalate	18.04	149	4444630	51.836	ng	99
75) Fluoranthene	19.12	202	4552498	48.303	ng	99
77) Benzidine	19.32	184	1543985	45.662	ng	99
78) Pyrene	19.49	202	4546180	60.997	ng	100
80) Butylbenzylphthalate	20.40	149	1720906	58.782	ng	93
81) Benzo(a)anthracene	21.24	228	4113635	54.817	ng	99
82) 3,3'-Dichlorobenzidine	21.18	252	733763	26.235	ng	99
83) Chrysene	21.29	228	3913131	52.683	ng	100
84) Bis(2-ethylhexyl)phthalate	21.18	149	2379344	54.076	ng	99
85) Di-n-octyl phthalate	22.05	149	3929558	52.821	ng	100
86) Indeno(1,2,3-cd)pyrene	25.69	276	4811281	57.912	ng	99
88) Benzo(b)fluoranthene	22.80	252	4136584	55.602	ng	100
89) Benzo(k)fluoranthene	22.85	252	3912364	52.408	ng	99
90) Benzo(a)pyrene	23.37	252	3930416	55.642	ng	100
91) Dibenzo(a,h)anthracene	25.70	278	4065296	57.959	ng	99
92) Benzo(g,h,i)perylene	26.36	276	4097591	58.943	ng	98

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

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