Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101818\
Data File : BM017212.D
Acq On : 19 Oct 2018 02:45
Operator : MJ/SJ
Sample : J5569-11MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RLF-SW-5MSD

Manual Integrations APPROVED
Sohil
10/19/2018 2:37:47 PM

Quant Time: Oct 19 13:59:59 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	371328	20.00	ng		0.00
21) Naphthalene-d8	10.45	136	1557306	20.00	ng		0.00
39) Acenaphthene-d10	14.31	164	885007	20.00	ng		0.00
64) Phenanthrene-d10	17.06	188	1833230	20.00	ng		0.00
76) Chrysene-d12	21.26	240	1508390	20.00	ng		0.00
87) Perylene-d12	23.46	264	1372694	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1684521	76.73	ng		0.00
7) Phenol-d6	6.85	99	1606666	53.73	ng		0.00
23) Nitrobenzene-d5	8.83	82	2271612	85.31	ng		0.00
42) 2,4,6-Tribromophenol	15.81	330	1395636	116.61	ng		0.00
45) 2-Fluorobiphenyl	12.93	172	5167756	77.69	ng		0.00
79) Terphenyl-d14	19.70	244	6237544	93.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.27	88	197416	17.609	ng		88
3) Pyridine	3.65	79	468890	18.177	ng	#	82
4) n-Nitrosodimethylamine	3.56	42	268499	25.928	ng	#	73
6) Aniline	7.01	93	1131192	30.246	ng		97
8) 2-Chlorophenol	7.24	128	1110110	43.707	ng		97
9) Benzaldehyde	6.82	77	809153	42.441	ng		94
10) Phenol	6.88	94	765186	23.778	ng		98
11) bis(2-Chloroethyl)ether	7.11	93	1114708	43.452	ng		99
12) 1,3-Dichlorobenzene	7.56	146	1170700	39.540	ng		97
13) 1,4-Dichlorobenzene	7.70	146	1208688	39.956	ng		97
14) 1,2-Dichlorobenzene	8.02	146	1169700	40.133	ng		99
15) Benzyl Alcohol	7.92	79	853109	39.033	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.19	45	1511146	42.164	ng		99
17) 2-Methylphenol	8.12	107	831247	40.243	ng		98
18) Hexachloroethane	8.73	117	423732	40.931	ng		98
19) n-Nitroso-di-n-propylamine	8.48	70	938648	47.674	ng		98
20) 3+4-Methylphenols	8.45	107	1048909	37.128	ng		97
22) Acetophenone	8.49	105	1837138	46.538	ng	#	99
24) Nitrobenzene	8.87	77	1360748	48.313	ng		96
25) Isophorone	9.39	82	2481221	56.431	ng		98
26) 2-Nitrophenol	9.57	139	648642	49.064	ng		98
27) 2,4-Dimethylphenol	9.63	122	1057934	54.414	ng		99
28) bis(2-Chloroethoxy)methane	9.87	93	1564371	50.549	ng		100
29) 2,4-Dichlorophenol	10.10	162	1134557	50.260	ng		98
30) 1,2,4-Trichlorobenzene	10.31	180	1182070	43.651	ng		99
31) Naphthalene	10.50	128	3668672	48.071	ng		100
32) Benzoic acid	9.74	122	175327	12.086	ng		93
33) 4-Chloroaniline	10.61	127	1257251	38.144	ng		97
34) Hexachlorobutadiene	10.77	225	715973	41.728	ng		99
35) Caprolactam	11.48	113	72768m	8.845	ng		
36) 4-Chloro-3-methylphenol	11.74	107	1178027	46.296	ng		97
37) 2-Methylnaphthalene	12.11	142	2798748	53.591	ng		98
38) 1-Methylnaphthalene	12.33	142	2657856	52.290	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	1447058	46.429	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	1899197	126.049	ng		99
43) 2,4,6-Trichlorophenol	12.73	196	942030	52.067	ng		99
44) 2,4,5-Trichlorophenol	12.80	196	1003537	51.726	ng		98
46) 1,1'-Biphenyl	13.14	154	3547270	44.540	ng		99
47) 2-Chloronaphthalene	13.18	162	2743029	46.818	ng		99
48) 2-Nitroaniline	13.39	65	805187	48.568	ng		97
49) Acenaphthylene	14.03	152	4421386	52.062	ng		100
50) Dimethylphthalate	13.78	163	3510914	51.420	ng		99
51) 2,6-Dinitrotoluene	13.90	165	752542	50.076	ng		96
52) Acenaphthene	14.37	154	2597307	48.709	ng		98
53) 3-Nitroaniline	14.23	138	639011	39.261	ng		94
54) 2,4-Dinitrophenol	14.43	184	638274	73.180	ng		98
55) Dibenzofuran	14.72	168	4116196	46.420	ng		98
56) 4-Nitrophenol	14.54	139	921176	63.156	ng		96
57) 2,4-Dinitrotoluene	14.69	165	1001211	49.570	ng	#	97
58) Fluorene	15.36	166	3280434	49.980	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	904118	51.124	ng		98
60) Diethylphthalate	15.15	149	3312261	48.916	ng		100
61) 4-Chlorophenyl-phenylether	15.36	204	1672189	44.690	ng		95
62) 4-Nitroaniline	15.40	138	742208	41.569	ng		95
63) Azobenzene	15.66	77	3156259	47.956	ng		98
65) 4,6-Dinitro-2-methylphenol	15.45	198	557905	47.481	ng		96
66) n-Nitrosodiphenylamine	15.58	169	2843529	51.268	ng		99
67) 4-Bromophenyl-phenylether	16.26	248	1061941	52.757	ng		95
68) Hexachlorobenzene	16.36	284	1135099	48.546	ng		96
69) Atrazine	16.54	200	987627	49.752	ng		97
70) Pentachlorophenol	16.71	266	1298732	81.083	ng		99
71) Phenanthrene	17.10	178	4923641	49.780	ng		100
72) Anthracene	17.20	178	5016880	53.382	ng		100
73) Carbazole	17.47	167	4325422	45.056	ng		99
74) Di-n-butylphthalate	18.04	149	5166712	51.027	ng		99
75) Fluoranthene	19.12	202	5239028	47.072	ng		99
77) Benzidine	19.32	184	2808138	73.420	ng		99
78) Pyrene	19.49	202	5220813	61.928	ng		99
80) Butylbenzylphthalate	20.40	149	1965835	59.293	ng		93
81) Benzo(a)anthracene	21.24	228	4468193	52.639	ng		99
82) 3,3'-Dichlorobenzidine	21.18	252	1445392	45.688	ng		99
83) Chrysene	21.29	228	4228636	50.331	ng		99
84) Bis(2-ethylhexyl)phthalate	21.18	149	2681775	53.903	ng		99
85) Di-n-octyl phthalate	22.05	149	4125607	49.427	ng		99
86) Indeno(1,2,3-cd)pyrene	25.69	276	4536638	48.276	ng		98
88) Benzo(b)fluoranthene	22.80	252	4025962	53.644	ng		100
89) Benzo(k)fluoranthene	22.85	252	3850816	51.135	ng		98
90) Benzo(a)pyrene	23.37	252	3797255	53.289	ng		99
91) Dibenzo(a,h)anthracene	25.70	278	3810796	53.858	ng		98
92) Benzo(g,h,i)perylene	26.36	276	3883227	55.373	ng		98

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

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