Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111147.D
Acq On : 6 Dec 2018 19:27
Operator : JU/SJ
Sample : J6206-05MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HLSP-SB-5B-(2-8.75)MS

Manual Integrations APPROVED
mohammad
12/10/2018 12:19:04 PM

Quant Time: Dec 07 11:43:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 05 17:30:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	503077	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	2009162	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	966825	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	1684018	20.00	ng		0.00
76) Chrysene-d12	13.96	240	850603	20.00	ng		0.01
87) Perylene-d12	15.40	264	940258	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	3952362	122.60	ng		0.02
7) Phenol-d6	6.45	99	5138311	123.73	ng		0.01
23) Nitrobenzene-d5	7.37	82	3337991	98.36	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	1097478	142.80	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	5115221	100.57	ng		0.00
79) Terphenyl-d14	12.92	244	4132449	99.50	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	549198	29.616	ng		98
3) Pyridine	3.33	79	1459282	35.482	ng		96
4) n-Nitrosodimethylamine	3.26	42	931975	46.024	ng		98
6) Aniline	6.47	93	780917	14.074	ng		98
8) 2-Chlorophenol	6.59	128	1566633	42.160	ng		93
9) Benzaldehyde	6.35	77	816858	35.455	ng		100
10) Phenol	6.46	94	2111180m	46.622	ng		
11) bis(2-Chloroethyl)ether	6.55	93	1504034	40.639	ng		99
12) 1,3-Dichlorobenzene	6.75	146	1603914	40.585	ng		96
13) 1,4-Dichlorobenzene	6.83	146	1631331	41.019	ng		96
14) 1,2-Dichlorobenzene	6.98	146	1520384	41.097	ng		98
15) Benzyl Alcohol	6.95	79	1425754	43.329	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	2954665	41.041	ng		100
17) 2-Methylphenol	7.06	107	1338078	43.867	ng		99
18) Hexachloroethane	7.32	117	628050	42.097	ng		97
19) n-Nitroso-di-n-propylamine	7.23	70	1142093	40.922	ng		95
20) 3+4-Methylphenols	7.22	107	1559827	41.927	ng		93
22) Acetophenone	7.22	105	2090564	43.057	ng	#	89
24) Nitrobenzene	7.39	77	1661776	45.516	ng		98
25) Isophorone	7.63	82	3050832	48.985	ng		100
26) 2-Nitrophenol	7.70	139	821828	53.274	ng		95
27) 2,4-Dimethylphenol	7.75	122	1450580	49.929	ng		100
28) bis(2-Chloroethoxy)methane	7.84	93	1927095	45.706	ng		99
29) 2,4-Dichlorophenol	7.95	162	1291211	45.144	ng		97
30) 1,2,4-Trichlorobenzene	8.03	180	1258624	43.597	ng		98
31) Naphthalene	8.11	128	4217884	48.217	ng		100
32) Benzoic acid	7.86	122	845475	44.131	ng		99
33) 4-Chloroaniline	8.15	127	202123	4.780	ng		96
34) Hexachlorobutadiene	8.23	225	683356	43.557	ng		98
35) Caprolactam	8.53	113	454670m	43.295	ng		
36) 4-Chloro-3-methylphenol	8.64	107	1437774	45.893	ng		98
37) 2-Methylnaphthalene	8.80	142	2912833	48.273	ng		99
38) 1-Methylnaphthalene	8.90	142	2793517	48.154	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	1046742	40.622	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	1242307	91.433 ng		99
43) 2,4,6-Trichlorophenol	9.08	196	881930	46.862 ng		99
44) 2,4,5-Trichlorophenol	9.12	196	903030	47.334 ng		96
46) 1,1'-Biphenyl	9.27	154	3241710	40.958 ng		99
47) 2-Chloronaphthalene	9.29	162	2642520	42.967 ng		98
48) 2-Nitroaniline	9.38	65	941583	47.242 ng		99
49) Acenaphthylene	9.70	152	4071726	47.364 ng		99
50) Dimethylphthalate	9.57	163	3477636	51.683 ng		99
51) 2,6-Dinitrotoluene	9.63	165	728099	51.038 ng		98
52) Acenaphthene	9.88	154	2698855	47.520 ng		99
53) 3-Nitroaniline	9.79	138	224379	12.521 ng		93
54) 2,4-Dinitrophenol	9.90	184	493254	106.719 ng	#	66
55) Dibenzofuran	10.05	168	3601361	46.038 ng		99
56) 4-Nitrophenol	9.95	139	1241294	91.923 ng		98
57) 2,4-Dinitrotoluene	10.03	165	989389	53.699 ng		94
58) Fluorene	10.39	166	2715551	49.228 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	731445m	51.370 ng		
60) Diethylphthalate	10.27	149	3106713	46.201 ng		98
61) 4-Chlorophenyl-phenylether	10.39	204	1237612	45.525 ng		98
62) 4-Nitroaniline	10.41	138	738106	45.638 ng		93
63) Azobenzene	10.55	77	3147586	43.966 ng		98
65) 4,6-Dinitro-2-methylphenol	10.43	198	369369	53.091 ng		95
66) n-Nitrosodiphenylamine	10.50	169	2550810	43.259 ng		99
67) 4-Bromophenyl-phenylether	10.87	248	784908	44.031 ng		96
68) Hexachlorobenzene	10.95	284	810384	44.459 ng		97
69) Atrazine	11.03	200	785283	Below Cal		98
70) Pentachlorophenol	11.13	266	895143	74.677 ng		99
71) Phenanthrene	11.35	178	3789114	46.777 ng		99
72) Anthracene	11.40	178	3805700	46.609 ng		98
73) Carbazole	11.55	167	3507487	41.283 ng		99
74) Di-n-butylphthalate	11.89	149	4429543	44.538 ng		98
75) Fluoranthene	12.54	202	3502903	44.192 ng		97
77) Benzidine	12.65	184	556195	16.638 ng		99
78) Pyrene	12.76	202	3413630	51.512 ng		100
80) Butylbenzylphthalate	13.39	149	1667413	52.085 ng		99
81) Benzo(a)anthracene	13.95	228	2359343	47.341 ng		100
82) 3,3'-Dichlorobenzidine	13.91	252	372221	19.791 ng		99
83) Chrysene	13.99	228	2321920	46.931 ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	2028359	52.455 ng	#	97
85) Di-n-octyl phthalate	14.56	149	3245303	53.387 ng		98
86) Indeno(1,2,3-cd)pyrene	16.82	276	2704010	68.071 ng	#	87
88) Benzo(b)fluoranthene	14.99	252	2438766	45.773 ng		98
89) Benzo(k)fluoranthene	15.02	252	2234450	43.382 ng		99
90) Benzo(a)pyrene	15.34	252	2356807	48.226 ng		98
91) Dibenzo(a,h)anthracene	16.83	278	2243296	54.700 ng		98
92) Benzo(g,h,i)perylene	17.24	276	2238885	54.326 ng		99

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

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