Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111148.D
Acq On : 6 Dec 2018 19:55
Operator : JU/SJ
Sample : J6206-07MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
12/10/2018 12:19:07 PM

Quant Time: Dec 07 11:44:33 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	6.81	152	487662	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	1940730	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	925153	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	1557916	20.00	ng		0.00
76) Chrysene-d12	13.96	240	803149	20.00	ng		0.01
87) Perylene-d12	15.40	264	921908	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	3721636	119.09	ng		0.01
7) Phenol-d6	6.45	99	4872864	121.04	ng		0.01
23) Nitrobenzene-d5	7.37	82	3171713	96.76	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	1032171	140.36	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	4906055	100.84	ng		0.00
79) Terphenyl-d14	12.91	244	3774993	96.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	513107	28.544	ng		99
3) Pyridine	3.32	79	1214933	30.474	ng		97
4) n-Nitrosodimethylamine	3.25	42	881112	44.888	ng		100
6) Aniline	6.47	93	908608	16.894	ng		100
8) 2-Chlorophenol	6.60	128	1515981	42.086	ng		99
9) Benzaldehyde	6.35	77	760257	33.605	ng		99
10) Phenol	6.46	94	2064951m	47.043	ng		
11) bis(2-Chloroethyl)ether	6.55	93	1462607	40.769	ng		97
12) 1,3-Dichlorobenzene	6.75	146	1541071	40.228	ng		97
13) 1,4-Dichlorobenzene	6.83	146	1574052	40.830	ng		95
14) 1,2-Dichlorobenzene	6.98	146	1486869	41.461	ng		99
15) Benzyl Alcohol	6.95	79	1386923	43.481	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	2906480	41.648	ng		100
17) 2-Methylphenol	7.06	107	1294003	43.763	ng		99
18) Hexachloroethane	7.32	117	605882	41.894	ng		97
19) n-Nitroso-di-n-propylamine	7.23	70	1110391	41.044	ng		94
20) 3+4-Methylphenols	7.22	107	1516882	42.061	ng		93
22) Acetophenone	7.22	105	2040277	43.503	ng	#	91
24) Nitrobenzene	7.39	77	1623025	46.022	ng		97
25) Isophorone	7.63	82	2947886	49.001	ng		99
26) 2-Nitrophenol	7.70	139	811130	54.434	ng		93
27) 2,4-Dimethylphenol	7.75	122	1400492	49.904	ng		98
28) bis(2-Chloroethoxy)methane	7.84	93	1859759	45.665	ng		99
29) 2,4-Dichlorophenol	7.95	162	1275625	46.172	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	1228681	44.061	ng		98
31) Naphthalene	8.11	128	4080688	48.294	ng		100
32) Benzoic acid	7.86	122	892069	48.204	ng		99
33) 4-Chloroaniline	8.15	127	231214	5.661	ng		97
34) Hexachlorobutadiene	8.23	225	660682	43.596	ng		98
35) Caprolactam	8.53	113	428549m	42.247	ng		
36) 4-Chloro-3-methylphenol	8.64	107	1401378	46.308	ng		99
37) 2-Methylnaphthalene	8.80	142	2844379	48.801	ng		98
38) 1-Methylnaphthalene	8.90	142	2690154	48.007	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	1014003	41.124	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	1253122	96.383 ng		96
43) 2,4,6-Trichlorophenol	9.08	196	855931	47.529 ng		99
44) 2,4,5-Trichlorophenol	9.12	196	877892	48.089 ng		94
46) 1,1'-Biphenyl	9.27	154	3151411	41.611 ng		98
47) 2-Chloronaphthalene	9.29	162	2583442	43.898 ng		99
48) 2-Nitroaniline	9.38	65	895653	46.962 ng		96
49) Acenaphthylene	9.70	152	3939067	47.884 ng		99
50) Dimethylphthalate	9.57	163	3410705	52.972 ng		99
51) 2,6-Dinitrotoluene	9.63	165	701881	51.416 ng		96
52) Acenaphthene	9.88	154	2625379	48.309 ng		99
53) 3-Nitroaniline	9.79	138	257636	15.025 ng		92
54) 2,4-Dinitrophenol	9.90	184	488842	110.292 ng	#	68
55) Dibenzofuran	10.05	168	3471038	46.371 ng		100
56) 4-Nitrophenol	9.95	139	1134853	87.827 ng		97
57) 2,4-Dinitrotoluene	10.03	165	952675	54.036 ng		96
58) Fluorene	10.39	166	2623910	49.709 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	697387m	51.184 ng		
60) Diethylphthalate	10.27	149	3007301	46.737 ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	1201214	46.177 ng		98
62) 4-Nitroaniline	10.40	138	673812	43.539 ng		99
63) Azobenzene	10.55	77	3050287	44.526 ng		98
65) 4,6-Dinitro-2-methylphenol	10.43	198	346296	53.804 ng		99
66) n-Nitrosodiphenylamine	10.50	169	2426855	44.488 ng		100
67) 4-Bromophenyl-phenylether	10.87	248	763574	46.301 ng		95
68) Hexachlorobenzene	10.95	284	783974	46.491 ng		96
69) Atrazine	11.03	200	748280	Below Cal		97
70) Pentachlorophenol	11.13	266	842333	75.959 ng		97
71) Phenanthrene	11.35	178	3610348	48.178 ng		100
72) Anthracene	11.40	178	3641776	48.211 ng		99
73) Carbazole	11.55	167	3255432	41.418 ng		99
74) Di-n-butylphthalate	11.89	149	4199379	45.642 ng		99
75) Fluoranthene	12.54	202	3240743	44.194 ng		96
77) Benzidine	12.65	184	549143	17.601 ng		99
78) Pyrene	12.76	202	3109472	49.695 ng		99
80) Butylbenzylphthalate	13.39	149	1542476	51.029 ng		98
81) Benzo(a)anthracene	13.95	228	2245380	47.717 ng		99
82) 3,3'-Dichlorobenzidine	13.91	252	397020	22.357 ng		97
83) Chrysene	13.99	228	2197666	47.044 ng		98
84) Bis(2-ethylhexyl)phthalate	13.96	149	1866746	51.128 ng	#	98
85) Di-n-octyl phthalate	14.57	149	3112897	54.235 ng		98
86) Indeno(1,2,3-cd)pyrene	16.82	276	2668402	71.143 ng	#	88
88) Benzo(b)fluoranthene	14.99	252	2373319	45.432 ng		100
89) Benzo(k)fluoranthene	15.02	252	2237774	44.311 ng		99
90) Benzo(a)pyrene	15.34	252	2327097	48.566 ng		98
91) Dibenzo(a,h)anthracene	16.84	278	2193554	54.552 ng		98
92) Benzo(g,h,i)perylene	17.24	276	2169464	53.689 ng		99

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

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