Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111560.D
Acq On : 18 Dec 2018 1:03
Operator : JU/SJ
Sample : J6403-41MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6-AMS

Manual Integrations APPROVED
Sohil
12/18/2018 12:49:48 PM

Quant Time: Dec 18 07:10:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	132505	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	528901	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	243430	20.00	ng		0.00
64) Phenanthrene-d10	11.31	188	367125	20.00	ng		0.00
76) Chrysene-d12	13.95	240	237954	20.00	ng		0.00
87) Perylene-d12	15.39	264	209241	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1059774	133.09	ng		0.01
7) Phenol-d6	6.45	99	1370892	129.43	ng		0.00
23) Nitrobenzene-d5	7.36	82	863264	97.19	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	267409	122.63	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	1476880	93.71	ng		0.00
79) Terphenyl-d14	12.90	244	960603	94.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	121476	31.587	ng		94
3) Pyridine	3.31	79	299664	31.024	ng		87
4) n-Nitrosodimethylamine	3.22	42	187174	42.662	ng		80
6) Aniline	6.46	93	191169	14.550	ng	#	1
8) 2-Chlorophenol	6.59	128	360308	37.870	ng		94
9) Benzaldehyde	6.33	77	103064	16.042	ng		99
10) Phenol	6.46	94	478128	40.523	ng		85
11) bis(2-Chloroethyl)ether	6.53	93	321884	34.800	ng		97
12) 1,3-Dichlorobenzene	6.73	146	366622	35.006	ng		98
13) 1,4-Dichlorobenzene	6.81	146	380413	35.785	ng		97
14) 1,2-Dichlorobenzene	6.96	146	359323	35.929	ng		97
15) Benzyl Alcohol	6.94	79	304725	37.810	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.07	45	629950	34.882	ng		83
17) 2-Methylphenol	7.06	107	278988	36.436	ng	#	90
18) Hexachloroethane	7.30	117	132789	33.565	ng		91
19) n-Nitroso-di-n-propylamine	7.21	70	246372	35.257	ng		93
20) 3+4-Methylphenols	7.21	107	364810	37.982	ng	#	68
22) Acetophenone	7.20	105	499116	42.274	ng	#	89
24) Nitrobenzene	7.37	77	362118	39.967	ng		94
25) Isophorone	7.61	82	659488	43.883	ng		98
26) 2-Nitrophenol	7.69	139	176657	37.597	ng		97
27) 2,4-Dimethylphenol	7.73	122	325380	47.767	ng		96
28) bis(2-Chloroethoxy)methane	7.82	93	415065	40.008	ng		97
29) 2,4-Dichlorophenol	7.94	162	295271	40.605	ng		97
30) 1,2,4-Trichlorobenzene	8.02	180	290768	38.197	ng		99
31) Naphthalene	8.09	128	1103060	44.590	ng		97
32) Benzoic acid	7.81	122	20704m	3.517	ng		
33) 4-Chloroaniline	8.14	127	91194	8.290	ng		96
34) Hexachlorobutadiene	8.22	225	159568	38.048	ng		97
35) Caprolactam	8.51	113	94670m	35.065	ng		
36) 4-Chloro-3-methylphenol	8.64	107	315179	39.377	ng		99
37) 2-Methylnaphthalene	8.79	142	708731	42.339	ng		99
38) 1-Methylnaphthalene	8.89	142	665207	41.134	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	265165	39.720	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	85462	24.934	ng		98
43) 2,4,6-Trichlorophenol	9.07	196	188467	39.888	ng		99
44) 2,4,5-Trichlorophenol	9.12	196	195765	38.936	ng		95
46) 1,1'-Biphenyl	9.25	154	791276	38.363	ng		92
47) 2-Chloronaphthalene	9.27	162	613431	39.126	ng		96
48) 2-Nitroaniline	9.37	65	199568	39.203	ng		99
49) Acenaphthylene	9.69	152	992913	42.665	ng		95
50) Dimethylphthalate	9.55	163	956912	54.583	ng		98
51) 2,6-Dinitrotoluene	9.61	165	154604	39.179	ng	#	82
52) Acenaphthene	9.86	154	597566	40.626	ng		98
53) 3-Nitroaniline	9.78	138	104583	21.819	ng		92
54) 2,4-Dinitrophenol	9.89	184	12673	8.441	ng		90
55) Dibenzofuran	10.03	168	879463	41.191	ng		97
56) 4-Nitrophenol	9.96	139	194618	58.672	ng		95
57) 2,4-Dinitrotoluene	10.02	165	194850	37.620	ng		98
58) Fluorene	10.37	166	693507	44.782	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	145387	37.010	ng		100
60) Diethylphthalate	10.25	149	703699	39.626	ng		98
61) 4-Chlorophenyl-phenylether	10.37	204	289273	38.179	ng		98
62) 4-Nitroaniline	10.39	138	142630	30.060	ng		95
63) Azobenzene	10.53	77	640088	36.562	ng		98
65) 4,6-Dinitro-2-methylphenol	10.42	198	16836	8.123	ng		96
66) n-Nitrosodiphenylamine	10.49	169	570763	45.083	ng		96
67) 4-Bromophenyl-phenylether	10.86	248	168232	42.517	ng		99
68) Hexachlorobenzene	10.93	284	162712	39.976	ng		95
69) Atrazine	11.02	200	165942	45.355	ng		95
70) Pentachlorophenol	11.12	266	153006	61.289	ng		95
71) Phenanthrene	11.34	178	1234706	65.269	ng		95
72) Anthracene	11.39	178	942092	48.696	ng		95
73) Carbazole	11.54	167	759379	37.958	ng		95
74) Di-n-butylphthalate	11.87	149	990242	44.444	ng		95
75) Fluoranthene	12.53	202	1067190	57.665	ng		94
77) Benzidine	12.65	184	266158	30.428	ng		97
78) Pyrene	12.75	202	1012068	60.326	ng		96
80) Butylbenzylphthalate	13.37	149	326339	39.907	ng		93
81) Benzo(a)anthracene	13.94	228	708464	54.756	ng		99
82) 3,3'-Dichlorobenzidine	13.90	252	156907	29.831	ng		97
83) Chrysene	13.98	228	674442	49.482	ng		96
84) Bis(2-ethylhexyl)phthalate	13.93	149	443047	42.419	ng		99
85) Di-n-octyl phthalate	14.54	149	741962	42.115	ng		100
86) Indeno(1,2,3-cd)pyrene	16.81	276	421715	42.870	ng	#	91
88) Benzo(b)fluoranthene	14.97	252	686291	56.258	ng		99
89) Benzo(k)fluoranthene	15.00	252	516313	44.294	ng		97
90) Benzo(a)pyrene	15.33	252	570202m	51.833	ng		
91) Dibenzo(a,h)anthracene	16.82	278	323199	37.245	ng		95
92) Benzo(g,h,i)perylene	17.23	276	338269m	39.713	ng		

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

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