Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121018\
Data File : BF111258.D
Acq On : 10 Dec 2018 22:36
Operator : JU/SJ
Sample : J6237-01MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2MSD

Manual Integrations APPROVED
Sohil
12/11/2018 2:23:42 PM

Quant Time: Dec 11 11:29:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 01:15:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	517254	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	1955643	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	754952	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	1079160	20.00	ng		0.00
76) Chrysene-d12	13.96	240	728171	20.00	ng		0.00
87) Perylene-d12	15.40	264	582470	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	3389951	103.49	ng		0.02
7) Phenol-d6	6.44	99	4347881	106.80	ng		0.00
23) Nitrobenzene-d5	7.37	82	2735373	78.45	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	612402	91.57	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	3664857	84.12	ng		0.00
79) Terphenyl-d14	12.91	244	2473281	81.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	443780	26.404	ng		99
3) Pyridine	3.33	79	1268405	28.407	ng		99
4) n-Nitrosodimethylamine	3.26	42	675541	35.485	ng		98
6) Aniline	6.46	93	476041	8.771	ng	#	58
8) 2-Chlorophenol	6.59	128	1236413	33.207	ng		98
9) Benzaldehyde	6.35	77	581887	21.555	ng		98
10) Phenol	6.46	94	1721937	36.175	ng		94
11) bis(2-Chloroethyl)ether	6.54	93	1306161	35.481	ng		98
12) 1,3-Dichlorobenzene	6.75	146	1281798	32.039	ng		99
13) 1,4-Dichlorobenzene	6.82	146	1291014	31.959	ng		98
14) 1,2-Dichlorobenzene	6.97	146	1194713	31.709	ng		99
15) Benzyl Alcohol	6.95	79	1068744	33.175	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	2272680	32.974	ng		100
17) 2-Methylphenol	7.06	107	1041184	34.251	ng		98
18) Hexachloroethane	7.32	117	472727	30.736	ng		94
19) n-Nitroso-di-n-propylamine	7.22	70	870651	31.927	ng		99
20) 3+4-Methylphenols	7.21	107	1213357	33.557	ng		94
22) Acetophenone	7.21	105	1622549	36.261	ng		96
24) Nitrobenzene	7.39	77	1288433	35.505	ng		95
25) Isophorone	7.62	82	2262771	38.103	ng		98
26) 2-Nitrophenol	7.70	139	617084	34.225	ng		95
27) 2,4-Dimethylphenol	7.74	122	1085325	38.955	ng		96
28) bis(2-Chloroethoxy)methane	7.83	93	1503965	36.572	ng		99
29) 2,4-Dichlorophenol	7.95	162	961251	33.742	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	955648	34.055	ng		99
31) Naphthalene	8.11	128	3229429	37.837	ng		99
32) Benzoic acid	7.82	122	172979	7.508	ng		99
33) 4-Chloroaniline	8.16	127	301725	7.360	ng		97
34) Hexachlorobutadiene	8.23	225	500261	32.296	ng		99
35) Caprolactam	8.51	113	334924m	33.177	ng		
36) 4-Chloro-3-methylphenol	8.64	107	974341	33.404	ng		98
37) 2-Methylnaphthalene	8.80	142	2086039	36.812	ng		98
38) 1-Methylnaphthalene	8.90	142	1963007	35.374	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	761300	36.241	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	221036	18.476	ng		100
43) 2,4,6-Trichlorophenol	9.08	196	561712	35.623	ng		99
44) 2,4,5-Trichlorophenol	9.12	196	564200	34.348	ng		96
46) 1,1'-Biphenyl	9.26	154	2247604	35.716	ng		97
47) 2-Chloronaphthalene	9.29	162	1749773	35.422	ng		98
48) 2-Nitroaniline	9.38	65	592198	35.143	ng		92
49) Acenaphthylene	9.70	152	2601215	36.273	ng		97
50) Dimethylphthalate	9.56	163	2241431	40.238	ng		99
51) 2,6-Dinitrotoluene	9.62	165	444764	36.154	ng		94
52) Acenaphthene	9.87	154	1739491	38.653	ng		100
53) 3-Nitroaniline	9.79	138	205923	13.562	ng		94
54) 2,4-Dinitrophenol	9.89	184	205578	42.289	ng		94
55) Dibenzofuran	10.05	168	2232837	36.470	ng		100
56) 4-Nitrophenol	9.95	139	669929	56.649	ng		94
57) 2,4-Dinitrotoluene	10.02	165	540639	35.649	ng		94
58) Fluorene	10.39	166	1634299	34.495	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	407577	32.735	ng		99
60) Diethylphthalate	10.26	149	1848151	34.800	ng		99
61) 4-Chlorophenyl-phenylether	10.38	204	719791	30.599	ng		97
62) 4-Nitroaniline	10.40	138	360286	25.077	ng		95
63) Azobenzene	10.54	77	1757461	31.875	ng		96
65) 4,6-Dinitro-2-methylphenol	10.43	198	163355	26.031	ng		92
66) n-Nitrosodiphenylamine	10.50	169	1491465	40.600	ng		100
67) 4-Bromophenyl-phenylether	10.87	248	416770	35.260	ng		93
68) Hexachlorobenzene	10.94	284	393349	32.714	ng	#	91
69) Atrazine	11.03	200	413245	36.993	ng		98
70) Pentachlorophenol	11.13	266	467231	53.566	ng		97
71) Phenanthrene	11.35	178	2179951	40.049	ng		96
72) Anthracene	11.40	178	2073780	36.416	ng		97
73) Carbazole	11.55	167	1946783	32.694	ng		96
74) Di-n-butylphthalate	11.89	149	2380646	38.897	ng		97
75) Fluoranthene	12.53	202	2009107	40.406	ng		99
77) Benzidine	12.65	184	565024	26.133	ng		98
78) Pyrene	12.76	202	2033073	39.071	ng		98
80) Butylbenzylphthalate	13.39	149	982558	36.151	ng		96
81) Benzo(a)anthracene	13.95	228	1491850	36.723	ng		99
82) 3,3'-Dichlorobenzidine	13.91	252	319277	19.175	ng		97
83) Chrysene	13.99	228	1486917	35.504	ng		98
84) Bis(2-ethylhexyl)phthalate	13.95	149	1184085	36.663	ng		99
85) Di-n-octyl phthalate	14.56	149	2027220	37.450	ng		97
86) Indeno(1,2,3-cd)pyrene	16.82	276	1095983	32.419	ng		98
88) Benzo(b)fluoranthene	14.99	252	1233493	38.293	ng		98
89) Benzo(k)fluoranthene	15.02	252	1206773	39.847	ng		98
90) Benzo(a)pyrene	15.34	252	1126716	37.984	ng		98
91) Dibenzo(a,h)anthracene	16.84	278	917962	39.400	ng		99
92) Benzo(g,h,i)perylene	17.24	276	915182	39.240	ng		97

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

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