Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121018\
Data File : BF111257.D
Acq On : 10 Dec 2018 22:09
Operator : JU/SJ
Sample : J6237-01MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2MS

Manual Integrations APPROVED
Sohil
12/11/2018 2:23:40 PM

Quant Time: Dec 11 06:02:35 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	464357	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	1761782	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	582652	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	1123386	20.00	ng		0.00
76) Chrysene-d12	13.96	240	641374	20.00	ng		0.00
87) Perylene-d12	15.40	264	434271	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	3602392	122.50	ng		0.02
7) Phenol-d6	6.45	99	4276304	117.01	ng		0.01
23) Nitrobenzene-d5	7.37	82	2686068	85.51	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	631004	122.26	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	3194105	100.84	ng		0.00
79) Terphenyl-d14	12.91	244	2059510	77.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	492633	32.650	ng		97
3) Pyridine	3.33	79	1344947	33.553	ng		99
4) n-Nitrosodimethylamine	3.26	42	734989	43.005	ng		97
6) Aniline	6.46	93	471772	9.682	ng	#	13
8) 2-Chlorophenol	6.59	128	1208520	36.155	ng		99
9) Benzaldehyde	6.35	77	560022	23.436	ng		99
10) Phenol	6.46	94	1663955	38.939	ng		98
11) bis(2-Chloroethyl)ether	6.54	93	1300370	39.347	ng		98
12) 1,3-Dichlorobenzene	6.75	146	1253678	34.906	ng		99
13) 1,4-Dichlorobenzene	6.82	146	1283856	35.402	ng		98
14) 1,2-Dichlorobenzene	6.97	146	1162191	34.359	ng		98
15) Benzyl Alcohol	6.95	79	1063869	36.786	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	2249054	36.348	ng		99
17) 2-Methylphenol	7.06	107	1022172	37.456	ng		98
18) Hexachloroethane	7.32	117	463514	33.570	ng		91
19) n-Nitroso-di-n-propylamine	7.22	70	857989	35.047	ng		94
20) 3+4-Methylphenols	7.21	107	1198411	36.920	ng		95
22) Acetophenone	7.21	105	1616610	40.103	ng		100
24) Nitrobenzene	7.39	77	1269929	38.846	ng		96
25) Isophorone	7.63	82	2165469	40.477	ng		99
26) 2-Nitrophenol	7.70	139	620989	38.232	ng		95
27) 2,4-Dimethylphenol	7.74	122	1061317	42.285	ng		97
28) bis(2-Chloroethoxy)methane	7.83	93	1481176	39.981	ng		99
29) 2,4-Dichlorophenol	7.95	162	952292	37.106	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	960278	37.986	ng		99
31) Naphthalene	8.11	128	3135463	40.778	ng		99
32) Benzoic acid	7.82	122	168583	8.122	ng		97
33) 4-Chloroaniline	8.16	127	284294	7.698	ng		98
34) Hexachlorobutadiene	8.23	225	497395	35.644	ng		99
35) Caprolactam	8.52	113	347261m	38.185	ng		
36) 4-Chloro-3-methylphenol	8.64	107	951705	36.219	ng		97
37) 2-Methylnaphthalene	8.80	142	2132786	41.779	ng		99
38) 1-Methylnaphthalene	8.90	142	2005529	40.116	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	769607	47.470	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	309358	33.506	ng		100
43) 2,4,6-Trichlorophenol	9.08	196	509805	41.892	ng		99
44) 2,4,5-Trichlorophenol	9.12	196	485082	38.264	ng		96
46) 1,1'-Biphenyl	9.27	154	1901671	40.215	ng		95
47) 2-Chloronaphthalene	9.29	162	1483137	38.903	ng		96
48) 2-Nitroaniline	9.38	65	503249	38.696	ng		96
49) Acenaphthylene	9.70	152	2202491	39.795	ng		97
50) Dimethylphthalate	9.56	163	1919571	44.650	ng		99
51) 2,6-Dinitrotoluene	9.62	165	370482	39.022	ng		87
52) Acenaphthene	9.87	154	1503475	43.288	ng		99
53) 3-Nitroaniline	9.79	138	176518	15.063	ng		93
54) 2,4-Dinitrophenol	9.89	184	198163	52.818	ng		97
55) Dibenzofuran	10.05	168	1952331	41.318	ng		99
56) 4-Nitrophenol	9.95	139	548334	60.079	ng		95
57) 2,4-Dinitrotoluene	10.02	165	460878	39.377	ng		90
58) Fluorene	10.39	166	1716527	46.945	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	424101	44.134	ng	#	100
60) Diethylphthalate	10.26	149	2012820	49.109	ng		99
61) 4-Chlorophenyl-phenylether	10.38	204	765848	42.184	ng		95
62) 4-Nitroaniline	10.40	138	385047	34.726	ng		99
63) Azobenzene	10.55	77	1787967	42.017	ng		97
65) 4,6-Dinitro-2-methylphenol	10.43	198	188500	28.748	ng		87
66) n-Nitrosodiphenylamine	10.50	169	1583022	41.396	ng		100
67) 4-Bromophenyl-phenylether	10.87	248	450205	36.589	ng		93
68) Hexachlorobenzene	10.94	284	460394	36.782	ng	#	92
69) Atrazine	11.03	200	476368	40.965	ng		98
70) Pentachlorophenol	11.13	266	521116	57.391	ng		95
71) Phenanthrene	11.35	178	2463567	43.478	ng		97
72) Anthracene	11.40	178	2324896	39.219	ng		98
73) Carbazole	11.55	167	2094542	33.790	ng		97
74) Di-n-butylphthalate	11.89	149	2005145	31.472	ng		97
75) Fluoranthene	12.53	202	1630513	31.501	ng		99
77) Benzidine	12.65	184	366898	19.266	ng		98
78) Pyrene	12.76	202	1660773	36.235	ng		97
80) Butylbenzylphthalate	13.39	149	969277	40.489	ng		96
81) Benzo(a)anthracene	13.95	228	1492225	41.703	ng		99
82) 3,3'-Dichlorobenzidine	13.91	252	285359	19.457	ng		98
83) Chrysene	13.99	228	1505998	40.826	ng		99
84) Bis(2-ethylhexyl)phthalate	13.95	149	1159951	40.777	ng		99
85) Di-n-octyl phthalate	14.57	149	2163518	45.376	ng	#	88
86) Indeno(1,2,3-cd)pyrene	16.82	276	1119697	37.603	ng		98
88) Benzo(b)fluoranthene	14.99	252	1080435	44.988	ng		99
89) Benzo(k)fluoranthene	15.02	252	974516	43.159	ng		100
90) Benzo(a)pyrene	15.34	252	931842	42.135	ng		99
91) Dibenzo(a,h)anthracene	16.84	278	948448	54.600	ng		99
92) Benzo(g,h,i)perylene	17.25	276	751607	43.224	ng		95

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

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