Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
Data File : BF108239.D
Acq On : 17 Aug 2018 13:14
Operator : JU/SJ
Sample : PB112148BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB112148BS

Manual Integrations APPROVED
Sohil
8/20/2018 12:48:21 PM

Quant Time: Aug 17 14:23:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	185446	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	747038	20.00	ng		0.00
38) Acenaphthene-d10	10.07	164	378581	20.00	ng		0.00
63) Phenanthrene-d10	11.56	188	735964	20.00	ng		0.00
75) Chrysene-d12	14.22	240	598312	20.00	ng		0.00
86) Perylene-d12	15.79	264	475052	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	1475532	144.05	ng		0.03
7) Phenol-d6	6.64	99	2006092	147.38	ng		0.01
23) Nitrobenzene-d5	7.58	82	1060679	79.23	ng		0.00
41) 2,4,6-Tribromophenol	10.87	330	593775	157.24	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	1989067	84.35	ng		0.00
78) Terphenyl-d14	13.15	244	2083279	88.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.04	88	199899	37.980	ng		90
3) Pyridine	3.78	79	538279	39.702	ng		85
4) n-Nitrosodimethylamine	3.74	42	296955	38.924	ng		82
6) Aniline	6.68	93	580812	31.370	ng		95
8) 2-Chlorophenol	6.81	128	498069	43.173	ng		96
9) Benzaldehyde	6.57	77	266421	25.245	ng		98
10) Phenol	6.65	94	641657	45.573	ng		86
11) bis(2-Chloroethyl)ether	6.75	93	492499	43.267	ng		91
12) 1,3-Dichlorobenzene	6.96	146	567806	42.567	ng		99
13) 1,4-Dichlorobenzene	7.04	146	569124	42.465	ng		97
14) 1,2-Dichlorobenzene	7.19	146	523021	41.955	ng		96
15) Benzyl Alcohol	7.15	79	412009	35.955	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.28	45	957569	40.835	ng		98
17) 2-Methylphenol	7.26	107	428221	43.284	ng		95
18) Hexachloroethane	7.53	117	207035	43.391	ng		91
19) n-Nitroso-di-n-propylamine	7.42	70	377851	41.050	ng		90
20) 3+4-Methylphenols	7.41	107	530771	41.866	ng	#	83
22) Acetophenone	7.42	105	722170	41.343	ng	#	93
24) Nitrobenzene	7.60	77	569645	42.079	ng		98
25) Isophorone	7.84	82	1036964	40.638	ng		97
26) 2-Nitrophenol	7.91	139	247747	48.460	ng		90
27) 2,4-Dimethylphenol	7.94	122	481145	42.485	ng		97
28) bis(2-Chloroethoxy)methane	8.04	93	628292	42.178	ng		99
29) 2,4-Dichlorophenol	8.15	162	460088	44.145	ng		98
30) 1,2,4-Trichlorobenzene	8.24	180	482858	42.021	ng		97
31) Naphthalene	8.32	128	1451397	42.721	ng		99
32) Benzoic acid	8.06	122	226194	36.109	ng		91
33) 4-Chloroaniline	8.37	127	382732	25.851	ng		97
34) Hexachlorobutadiene	8.43	225	303310	41.696	ng		99
35) Caprolactam	8.74	113	128656m	39.392	ng		
36) 4-Chloro-3-methylphenol	8.85	107	475754	42.315	ng		99
37) 2-Methylnaphthalene	9.01	142	1004806	41.803	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	500135	43.019	ng		98
40) Hexachlorocyclopentadiene	9.17	237	546890	72.829	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	319199	44.245	ng		98
43) 2,4,5-Trichlorophenol	9.33	196	375235	47.248	ng		97
45) 1,1'-Biphenyl	9.48	154	1212833	43.451	ng		100
46) 2-Chloronaphthalene	9.51	162	944761	42.824	ng		99
47) 2-Nitroaniline	9.60	65	321971	45.106	ng		84
48) Acenaphthylene	9.93	152	1495288	42.873	ng		99
49) Dimethylphthalate	9.78	163	1102472	41.806	ng	#	99
50) 2,6-Dinitrotoluene	9.84	165	246151	44.614	ng		89
51) Acenaphthene	10.10	154	904851	42.358	ng		98
52) 3-Nitroaniline	10.01	138	193461	32.047	ng		93
53) 2,4-Dinitrophenol	10.12	184	176537	85.014	ng	#	22
54) Dibenzofuran	10.27	168	1299613	41.992	ng		96
55) 4-Nitrophenol	10.17	139	351691	76.934	ng		84
56) 2,4-Dinitrotoluene	10.25	165	332314	46.792	ng	#	93
57) Fluorene	10.62	166	1036736	42.316	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.39	232	313656	47.252	ng	#	85
59) Diethylphthalate	10.48	149	1054544	41.296	ng		96
60) 4-Chlorophenyl-phenylether	10.60	204	532307	41.697	ng		92
61) 4-Nitroaniline	10.64	138	259102	43.413	ng		93
62) Azobenzene	10.77	77	1078677	40.902	ng		92
64) 4,6-Dinitro-2-methylphenol	10.66	198	121035	44.273	ng		92
65) n-Nitrosodiphenylamine	10.72	169	930591	42.789	ng		96
66) 4-Bromophenyl-phenylether	11.10	248	346227	43.289	ng	#	88
67) Hexachlorobenzene	11.17	284	356624	42.379	ng	#	88
68) Atrazine	11.25	200	315824	43.296	ng		94
69) Pentachlorophenol	11.36	266	358156	88.920	ng		97
70) Phenanthrene	11.59	178	1488919	42.892	ng		99
71) Anthracene	11.64	178	1522374	42.790	ng		98
72) Carbazole	11.79	167	1349287	42.685	ng		99
73) Di-n-butylphthalate	12.11	149	1593780	44.513	ng		99
74) Fluoranthene	12.78	202	1644673	43.413	ng		95
76) Benzidine	12.90	184	681569	30.489	ng		99
77) Pyrene	13.01	202	1638041	43.244	ng		97
79) Butylbenzylphthalate	13.61	149	692563	46.044	ng		95
80) Benzo(a)anthracene	14.21	228	1498772	43.649	ng		98
81) 3,3'-Dichlorobenzidine	14.17	252	380414	30.914	ng	#	95
82) Chrysene	14.25	228	1356151	43.080	ng		98
83) Bis(2-ethylhexyl)phthalate	14.17	149	907477	44.553	ng	#	97
84) Di-n-octyl phthalate	14.81	149	1499530	48.272	ng		96
85) Indeno(1,2,3-cd)pyrene	17.42	276	1047381	38.399	ng	#	91
87) Benzo(b)fluoranthene	15.32	252	1332450	46.940	ng		96
88) Benzo(k)fluoranthene	15.35	252	1180157	45.227	ng	#	96
89) Benzo(a)pyrene	15.72	252	1170233	46.037	ng		98
90) Dibenzo(a,h)anthracene	17.43	278	882605	41.965	ng	#	93
91) Benzo(g,h,i)perylene	17.91	276	852162	41.148	ng	#	90

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

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