Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
Data File : BF109133.D
Acq On : 19 Sep 2018 8:44
Operator : JU/SJ
Sample : PB112905BSD
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB112905BSD

Manual Integrations APPROVED
Sohil
9/19/2018 4:24:18 PM

Quant Time: Sep 19 11:50:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	130290	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	461546	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	192115	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	315857	20.00	ng		0.00
75) Chrysene-d12	13.86	240	277995	20.00	ng		0.00
86) Perylene-d12	15.26	264	272546	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	729508	92.99	ng		0.02
7) Phenol-d6	6.37	99	924325	91.38	ng		0.00
23) Nitrobenzene-d5	7.29	82	831407	101.03	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	193707	92.91	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1382408	112.74	ng		0.00
78) Terphenyl-d14	12.81	244	1196145	101.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	132925	35.597	ng		94
3) Pyridine	3.17	79	386558	39.050	ng		90
4) n-Nitrosodimethylamine	3.10	42	184661	49.394	ng	#	99
6) Aniline	6.38	93	365706	27.971	ng	#	91
8) 2-Chlorophenol	6.51	128	384880	43.842	ng		98
9) Benzaldehyde	6.27	77	158191	24.487	ng		98
10) Phenol	6.38	94	468118	41.129	ng		78
11) bis(2-Chloroethyl)ether	6.46	93	374725	41.849	ng		98
12) 1,3-Dichlorobenzene	6.67	146	419616	41.796	ng		99
13) 1,4-Dichlorobenzene	6.74	146	427315	42.427	ng		98
14) 1,2-Dichlorobenzene	6.90	146	391235	41.900	ng		98
15) Benzyl Alcohol	6.87	79	336819	43.861	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.01	45	529674	41.286	ng		94
17) 2-Methylphenol	6.98	107	307557	42.941	ng		97
18) Hexachloroethane	7.24	117	142249	38.887	ng		100
19) n-Nitroso-di-n-propylamine	7.14	70	271641	40.627	ng		98
20) 3+4-Methylphenols	7.14	107	369546	42.841	ng	#	69
22) Acetophenone	7.13	105	510335	48.689	ng	#	93
24) Nitrobenzene	7.31	77	406030	47.857	ng		98
25) Isophorone	7.55	82	729125	51.546	ng		99
26) 2-Nitrophenol	7.62	139	159175	40.179	ng		100
27) 2,4-Dimethylphenol	7.67	122	333765	53.709	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	462102	48.546	ng		99
29) 2,4-Dichlorophenol	7.87	162	299870	45.283	ng		98
30) 1,2,4-Trichlorobenzene	7.95	180	325222	45.433	ng		97
31) Naphthalene	8.02	128	1044074	48.738	ng		99
32) Benzoic acid	7.77	122	127650m	31.437	ng		
33) 4-Chloroaniline	8.07	127	166196	17.449	ng		98
34) Hexachlorobutadiene	8.15	225	199156	45.572	ng		98
35) Caprolactam	8.44	113	87371m	40.468	ng		
36) 4-Chloro-3-methylphenol	8.56	107	301660	43.273	ng		98
37) 2-Methylnaphthalene	8.72	142	685177	49.066	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	309381	51.166	ng		98
40) Hexachlorocyclopentadiene	8.88	237	113947	37.402	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	195463	48.093	ng		100
43) 2,4,5-Trichlorophenol	9.04	196	202707	47.728	ng		97
45) 1,1'-Biphenyl	9.18	154	788923	51.329	ng		98
46) 2-Chloronaphthalene	9.20	162	607071	49.319	ng		99
47) 2-Nitroaniline	9.30	65	189204	49.999	ng		96
48) Acenaphthylene	9.62	152	944938	50.916	ng		100
49) Dimethylphthalate	9.48	163	720693	52.486	ng		99
50) 2,6-Dinitrotoluene	9.54	165	146688	48.172	ng		94
51) Acenaphthene	9.79	154	545637	47.215	ng		99
52) 3-Nitroaniline	9.70	138	128027	35.705	ng		93
53) 2,4-Dinitrophenol	9.81	184	17727	15.105	ng	#	22
54) Dibenzofuran	9.96	168	782604	46.863	ng		99
55) 4-Nitrophenol	9.87	139	204359	77.355	ng		94
56) 2,4-Dinitrotoluene	9.94	165	176614	44.349	ng	#	92
57) Fluorene	10.30	166	561289	50.435	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	156370	44.465	ng		89
59) Diethylphthalate	10.18	149	680636	49.086	ng		98
60) 4-Chlorophenyl-phenylether	10.30	204	282510	47.408	ng		93
61) 4-Nitroaniline	10.31	138	141365	41.497	ng		97
62) Azobenzene	10.45	77	638437	44.980	ng		95
64) 4,6-Dinitro-2-methylphenol	10.35	198	17200	11.381	ng		76
65) n-Nitrosodiphenylamine	10.41	169	541389	52.400	ng		95
66) 4-Bromophenyl-phenylether	10.78	248	181158	50.875	ng	#	83
67) Hexachlorobenzene	10.85	284	184754	48.507	ng		94
68) Atrazine	10.94	200	171224	51.770	ng		96
69) Pentachlorophenol	11.04	266	173184	71.068	ng		99
70) Phenanthrene	11.25	178	810277	52.332	ng		99
71) Anthracene	11.31	178	831234	52.960	ng		100
72) Carbazole	11.46	167	734418	47.269	ng		99
73) Di-n-butylphthalate	11.80	149	929176	51.089	ng		99
74) Fluoranthene	12.44	202	859273	52.568	ng		98
76) Benzidine	12.56	184	369598	37.558	ng		98
77) Pyrene	12.67	202	878587	42.548	ng		99
79) Butylbenzylphthalate	13.29	149	391663	42.467	ng		98
80) Benzo(a)anthracene	13.85	228	842348	50.048	ng		99
81) 3,3'-Dichlorobenzidine	13.81	252	275592	40.578	ng		96
82) Chrysene	13.88	228	824181	48.944	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	495732	44.393	ng		99
84) Di-n-octyl phthalate	14.46	149	995485	52.563	ng		98
85) Indeno(1,2,3-cd)pyrene	16.62	276	641622	47.659	ng		94
87) Benzo(b)fluoranthene	14.87	252	803203	53.270	ng		97
88) Benzo(k)fluoranthene	14.89	252	764532	54.288	ng		97
89) Benzo(a)pyrene	15.21	252	709019	52.951	ng		98
90) Dibenzo(a,h)anthracene	16.63	278	546086	48.543	ng		96
91) Benzo(g,h,i)perylene	17.02	276	517253	45.990	ng	#	92

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

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