Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091118\
Data File : BF108928.D
Acq On : 11 Sep 2018 12:02
Operator : JU/SJ
Sample : PB112707BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB112707BS

Manual Integrations APPROVED
Sohil
9/12/2018 9:11:41 AM

Quant Time: Sep 11 12:27:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	174465	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	711970	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	340775	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	655230	20.00	ng		0.00
75) Chrysene-d12	13.88	240	422942	20.00	ng		0.01
86) Perylene-d12	15.28	264	362976	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1074353	102.02	ng		0.02
7) Phenol-d6	6.38	99	1378215	101.71	ng		0.01
23) Nitrobenzene-d5	7.30	82	869129	76.39	ng		0.00
41) 2,4,6-Tribromophenol	10.56	330	369278	113.51	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	1569816	78.59	ng		0.00
78) Terphenyl-d14	12.83	244	1535804	84.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	195674	38.662	ng		93
3) Pyridine	3.22	79	550960	39.750	ng		92
4) n-Nitrosodimethylamine	3.15	42	229149	43.044	ng		94
6) Aniline	6.40	93	556847	30.555	ng		99
8) 2-Chlorophenol	6.52	128	483994	41.521	ng		98
9) Benzaldehyde	6.28	77	260183	27.067	ng		99
10) Phenol	6.39	94	591173	38.092	ng		83
11) bis(2-Chloroethyl)ether	6.48	93	476988	38.366	ng		97
12) 1,3-Dichlorobenzene	6.68	146	525200	39.483	ng		99
13) 1,4-Dichlorobenzene	6.76	146	526579	39.585	ng		97
14) 1,2-Dichlorobenzene	6.91	146	494315	40.315	ng		97
15) Benzyl Alcohol	6.88	79	422469	40.627	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	715600	38.506	ng		96
17) 2-Methylphenol	7.00	107	401028	40.710	ng		98
18) Hexachloroethane	7.25	117	195967	40.856	ng		98
19) n-Nitroso-di-n-propylamine	7.16	70	339644	36.061	ng		97
20) 3+4-Methylphenols	7.15	107	460341	39.892	ng	#	71
22) Acetophenone	7.15	105	647494	40.072	ng	#	91
24) Nitrobenzene	7.32	77	516247	42.291	ng		98
25) Isophorone	7.56	82	962799	42.427	ng		97
26) 2-Nitrophenol	7.64	139	241251	50.165	ng		97
27) 2,4-Dimethylphenol	7.68	122	435921	44.637	ng		98
28) bis(2-Chloroethoxy)methane	7.77	93	609954	40.202	ng		99
29) 2,4-Dichlorophenol	7.88	162	410497	40.764	ng		96
30) 1,2,4-Trichlorobenzene	7.97	180	422880	38.749	ng		98
31) Naphthalene	8.04	128	1371826	42.827	ng		99
32) Benzoic acid	7.81	122	283304	44.890	ng		98
33) 4-Chloroaniline	8.09	127	371982	25.285	ng		99
34) Hexachlorobutadiene	8.17	225	251903	38.638	ng		98
35) Caprolactam	8.46	113	132863m	38.937	ng		
36) 4-Chloro-3-methylphenol	8.58	107	425911	39.703	ng		99
37) 2-Methylnaphthalene	8.74	142	917568	43.360	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	392910	38.571	ng		99
40) Hexachlorocyclopentadiene	8.90	237	515157	100.524	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	290305	41.840	ng		99
43) 2,4,5-Trichlorophenol	9.05	196	312811	43.493	ng	#	94
45) 1,1'-Biphenyl	9.20	154	1083351	41.294	ng		98
46) 2-Chloronaphthalene	9.22	162	845553	39.852	ng		99
47) 2-Nitroaniline	9.31	65	268299	46.288	ng		97
48) Acenaphthylene	9.64	152	1362496	43.081	ng		99
49) Dimethylphthalate	9.50	163	972904	40.818	ng	#	99
50) 2,6-Dinitrotoluene	9.55	165	219032	48.227	ng		94
51) Acenaphthene	9.81	154	811190	41.448	ng		98
52) 3-Nitroaniline	9.72	138	182063	33.676	ng		96
53) 2,4-Dinitrophenol	9.83	184	182954	106.213	ng	#	20
54) Dibenzofuran	9.98	168	1160889	40.692	ng		97
55) 4-Nitrophenol	9.89	139	372074	92.059	ng		98
56) 2,4-Dinitrotoluene	9.96	165	292629	50.382	ng	#	98
57) Fluorene	10.32	166	853940	46.644	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	261318	45.055	ng		88
59) Diethylphthalate	10.20	149	968619	39.380	ng		96
60) 4-Chlorophenyl-phenylether	10.31	204	410040	41.937	ng		94
61) 4-Nitroaniline	10.34	138	237395	48.471	ng		96
62) Azobenzene	10.47	77	1013605	39.922	ng		97
64) 4,6-Dinitro-2-methylphenol	10.37	198	117445	45.926	ng		92
65) n-Nitrosodiphenylamine	10.43	169	834896	38.324	ng		96
66) 4-Bromophenyl-phenylether	10.80	248	287000	38.781	ng	#	88
67) Hexachlorobenzene	10.87	284	301142	38.119	ng	#	89
68) Atrazine	10.96	200	275090	39.445	ng		99
69) Pentachlorophenol	11.06	266	327627	67.833	ng		99
70) Phenanthrene	11.28	178	1315603	42.045	ng		99
71) Anthracene	11.33	178	1349453	45.044	ng		99
72) Carbazole	11.48	167	1213595	38.465	ng		99
73) Di-n-butylphthalate	11.82	149	1485650	42.403	ng		99
74) Fluoranthene	12.46	202	1361055	43.933	ng		98
76) Benzidine	12.58	184	642178	32.036	ng		98
77) Pyrene	12.68	202	1370387	42.108	ng		100
79) Butylbenzylphthalate	13.31	149	592828	40.450	ng		96
80) Benzo(a)anthracene	13.87	228	1049355	38.708	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	254750	24.120	ng	#	97
82) Chrysene	13.91	228	1044874	39.814	ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	686395	37.268	ng		100
84) Di-n-octyl phthalate	14.48	149	1154134	37.587	ng		100
85) Indeno(1,2,3-cd)pyrene	16.65	276	861472	37.092	ng		95
87) Benzo(b)fluoranthene	14.89	252	913832	46.300	ng		98
88) Benzo(k)fluoranthene	14.91	252	788522	43.383	ng		98
89) Benzo(a)pyrene	15.23	252	795577	44.673	ng		98
90) Dibenzo(a,h)anthracene	16.67	278	704457	44.891	ng		97
91) Benzo(g,h,i)perylene	17.06	276	750350	47.756	ng		95

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

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