Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
Data File : BF109141.D
Acq On : 19 Sep 2018 14:06
Operator : JU/SJ
Sample : PB112950BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB112950BS

Manual Integrations APPROVED
Sohil
9/20/2018 10:06:29 AM

Quant Time: Sep 19 14:30:32 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	158916	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	664836	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	323057	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	630222	20.00	ng		0.00
75) Chrysene-d12	13.87	240	456383	20.00	ng		0.00
86) Perylene-d12	15.26	264	384205	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	993072	103.79	ng		0.02
7) Phenol-d6	6.37	99	1283911	104.06	ng		0.00
23) Nitrobenzene-d5	7.28	82	812145	68.52	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	363434	103.66	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1495738	72.54	ng		0.00
78) Terphenyl-d14	12.81	244	1500001	77.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	152164	33.409	ng		93
3) Pyridine	3.20	79	401262	33.234	ng		90
4) n-Nitrosodimethylamine	3.14	42	203004	44.519	ng	#	99
6) Aniline	6.38	93	496029	31.105	ng	#	55
8) 2-Chlorophenol	6.51	128	441735	41.254	ng		95
9) Benzaldehyde	6.27	77	230709	29.279	ng		99
10) Phenol	6.38	94	535506	38.575	ng	#	70
11) bis(2-Chloroethyl)ether	6.46	93	426912	39.089	ng		97
12) 1,3-Dichlorobenzene	6.67	146	472881	38.617	ng		99
13) 1,4-Dichlorobenzene	6.74	146	474193	38.600	ng		100
14) 1,2-Dichlorobenzene	6.90	146	444123	38.996	ng		98
15) Benzyl Alcohol	6.87	79	383340	40.927	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.00	45	607615	38.830	ng		95
17) 2-Methylphenol	6.98	107	368229	42.151	ng		97
18) Hexachloroethane	7.24	117	177905	39.874	ng		99
19) n-Nitroso-di-n-propylamine	7.14	70	321264	39.394	ng		97
20) 3+4-Methylphenols	7.14	107	429986	40.869	ng	#	66
22) Acetophenone	7.14	105	596594	39.514	ng	#	91
24) Nitrobenzene	7.31	77	479861	39.265	ng		97
25) Isophorone	7.55	82	889210	43.641	ng		97
26) 2-Nitrophenol	7.62	139	233822	40.974	ng		97
27) 2,4-Dimethylphenol	7.67	122	407016	45.470	ng		100
28) bis(2-Chloroethoxy)methane	7.76	93	546199	39.835	ng		99
29) 2,4-Dichlorophenol	7.87	162	386126	40.479	ng		99
30) 1,2,4-Trichlorobenzene	7.95	180	390764	37.897	ng		98
31) Naphthalene	8.02	128	1250755	40.533	ng		99
32) Benzoic acid	7.80	122	235863	40.325	ng		97
33) 4-Chloroaniline	8.07	127	374640	27.306	ng		99
34) Hexachlorobutadiene	8.15	225	238666	37.914	ng		99
35) Caprolactam	8.45	113	124057m	39.891	ng		
36) 4-Chloro-3-methylphenol	8.57	107	405574	40.389	ng		99
37) 2-Methylnaphthalene	8.72	142	855523	42.532	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	372226	36.608	ng		98
40) Hexachlorocyclopentadiene	8.88	237	399627	78.007	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	273241	39.981	ng		100
43) 2,4,5-Trichlorophenol	9.04	196	289446	40.528	ng		99
45) 1,1'-Biphenyl	9.18	154	1013275	39.205	ng		98
46) 2-Chloronaphthalene	9.21	162	779660	37.667	ng		97
47) 2-Nitroaniline	9.30	65	255329	40.125	ng		93
48) Acenaphthylene	9.62	152	1263054	40.472	ng		99
49) Dimethylphthalate	9.49	163	922315	39.944	ng		99
50) 2,6-Dinitrotoluene	9.54	165	207674	40.557	ng		98
51) Acenaphthene	9.79	154	749002	38.543	ng		98
52) 3-Nitroaniline	9.71	138	184455	30.592	ng		97
53) 2,4-Dinitrophenol	9.82	184	170297	86.294	ng	#	21
54) Dibenzofuran	9.96	168	1089929	38.812	ng		96
55) 4-Nitrophenol	9.88	139	348356	78.415	ng		96
56) 2,4-Dinitrotoluene	9.95	165	280753	41.924	ng	#	97
57) Fluorene	10.30	166	811664	43.372	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	250057	42.285	ng	#	88
59) Diethylphthalate	10.18	149	909918	39.024	ng		97
60) 4-Chlorophenyl-phenylether	10.30	204	384549	38.375	ng		98
61) 4-Nitroaniline	10.32	138	223838	39.074	ng		100
62) Azobenzene	10.45	77	922247	38.640	ng		97
64) 4,6-Dinitro-2-methylphenol	10.35	198	112061	37.164	ng		87
65) n-Nitrosodiphenylamine	10.41	169	791852	38.411	ng		96
66) 4-Bromophenyl-phenylether	10.78	248	272311	38.327	ng	#	88
67) Hexachlorobenzene	10.85	284	290641	38.244	ng	#	88
68) Atrazine	10.94	200	257894	39.080	ng		98
69) Pentachlorophenol	11.04	266	319981	65.809	ng		98
70) Phenanthrene	11.26	178	1226202	39.691	ng		99
71) Anthracene	11.31	178	1275387	40.726	ng		100
72) Carbazole	11.47	167	1151819	37.155	ng		100
73) Di-n-butylphthalate	11.80	149	1396001	38.469	ng		100
74) Fluoranthene	12.44	202	1311045	40.198	ng		97
76) Benzidine	12.56	184	479941	29.708	ng		98
77) Pyrene	12.67	202	1321765	38.991	ng		99
79) Butylbenzylphthalate	13.29	149	592723	39.147	ng		97
80) Benzo(a)anthracene	13.85	228	1097468	39.719	ng		100
81) 3,3'-Dichlorobenzidine	13.81	252	348330	31.241	ng		99
82) Chrysene	13.89	228	1061133	38.384	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	687003	37.474	ng		99
84) Di-n-octyl phthalate	14.46	149	1250552	40.221	ng		98
85) Indeno(1,2,3-cd)pyrene	16.62	276	823323	37.252	ng	#	93
87) Benzo(b)fluoranthene	14.87	252	1030903	48.502	ng		98
88) Benzo(k)fluoranthene	14.89	252	843180	42.472	ng		98
89) Benzo(a)pyrene	15.21	252	855213	45.307	ng		99
90) Dibenzo(a,h)anthracene	16.64	278	691042	43.576	ng	#	95
91) Benzo(g,h,i)perylene	17.03	276	707613	44.631	ng	#	92

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

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