Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101918\
Data File : BF110037.D
Acq On : 20 Oct 2018 7:51
Operator : JU/SJ
Sample : PB113996BSD
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB113996BSD

Manual Integrations APPROVED
Sohil
10/22/2018 2:55:59 PM

Quant Time: Oct 22 02:11:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	188706	20.00	ng		-0.01
21) Naphthalene-d8	8.26	136	737506	20.00	ng		-0.01
39) Acenaphthene-d10	10.02	164	328292	20.00	ng		-0.01
64) Phenanthrene-d10	11.50	188	541374	20.00	ng		-0.01
76) Chrysene-d12	14.15	240	338518	20.00	ng		-0.01
87) Perylene-d12	15.67	264	283987	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	968612	81.36	ng		0.00
7) Phenol-d6	6.59	99	1223748	82.78	ng		-0.01
23) Nitrobenzene-d5	7.53	82	1093517	99.88	ng		-0.02
42) 2,4,6-Tribromophenol	10.80	330	254511	89.55	ng		-0.01
45) 2-Fluorobiphenyl	9.33	172	1886146	91.68	ng		0.00
79) Terphenyl-d14	13.09	244	1488406	92.33	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.95	88	172077	25.449	ng		91
3) Pyridine	3.69	79	508440	33.729	ng		86
4) n-Nitrosodimethylamine	3.66	42	247479	40.245	ng		99
6) Aniline	6.63	93	513538	25.778	ng	#	53
8) 2-Chlorophenol	6.76	128	530684	39.796	ng		99
9) Benzaldehyde	6.52	77	304217	31.668	ng		97
10) Phenol	6.60	94	624390	39.122	ng	#	65
11) bis(2-Chloroethyl)ether	6.70	93	490733	36.773	ng		93
12) 1,3-Dichlorobenzene	6.91	146	549742	37.596	ng		98
13) 1,4-Dichlorobenzene	6.99	146	559444	37.990	ng		98
14) 1,2-Dichlorobenzene	7.14	146	514546	37.944	ng		99
15) Benzyl Alcohol	7.11	79	450913	39.649	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.24	45	801173	36.578	ng		68
17) 2-Methylphenol	7.22	107	429087	39.904	ng	#	81
18) Hexachloroethane	7.48	117	196814	37.819	ng		94
19) n-Nitroso-di-n-propylamine	7.38	70	354458	37.345	ng		97
20) 3+4-Methylphenols	7.37	107	530838	38.902	ng		97
22) Acetophenone	7.38	105	699796	40.916	ng	#	98
24) Nitrobenzene	7.56	77	532638	44.785	ng		90
25) Isophorone	7.79	82	976475	45.392	ng		97
26) 2-Nitrophenol	7.87	139	255923	51.898	ng		94
27) 2,4-Dimethylphenol	7.90	122	483808	46.692	ng		97
28) bis(2-Chloroethoxy)methane	8.00	93	617471	41.824	ng		99
29) 2,4-Dichlorophenol	8.10	162	429379	42.717	ng		97
30) 1,2,4-Trichlorobenzene	8.19	180	453840	40.325	ng		96
31) Naphthalene	8.27	128	1464713	43.310	ng		99
32) Benzoic acid	8.01	122	244909	37.935	ng		92
33) 4-Chloroaniline	8.32	127	222854	14.659	ng		96
34) Hexachlorobutadiene	8.39	225	251201	40.476	ng		99
35) Caprolactam	8.70	113	149537m	41.889	ng		
36) 4-Chloro-3-methylphenol	8.80	107	449593	42.399	ng		96
37) 2-Methylnaphthalene	8.97	142	991586	45.280	ng		99
38) 1-Methylnaphthalene	9.07	142	931103	43.878	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	417981	41.336	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	308061	63.121	ng		99
43) 2,4,6-Trichlorophenol	9.25	196	284455	44.989	ng		94
44) 2,4,5-Trichlorophenol	9.28	196	289997	44.192	ng		95
46) 1,1'-Biphenyl	9.43	154	1186961	40.581	ng		100
47) 2-Chloronaphthalene	9.46	162	888625	41.245	ng		99
48) 2-Nitroaniline	9.56	65	284050	51.374	ng		90
49) Acenaphthylene	9.88	152	1376665	43.984	ng		98
50) Dimethylphthalate	9.73	163	1040619	44.765	ng		100
51) 2,6-Dinitrotoluene	9.80	165	227441	51.513	ng	#	84
52) Acenaphthene	10.05	154	866461	43.482	ng		99
53) 3-Nitroaniline	9.96	138	167896	31.261	ng		91
54) 2,4-Dinitrophenol	10.07	184	63874	49.264	ng		85
55) Dibenzofuran	10.22	168	1184602	41.684	ng		99
56) 4-Nitrophenol	10.12	139	451229	110.107	ng		97
57) 2,4-Dinitrotoluene	10.20	165	291490	51.857	ng		91
58) Fluorene	10.56	166	917863	44.369	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.33	232	232392	44.684	ng		96
60) Diethylphthalate	10.43	149	992545	43.230	ng		100
61) 4-Chlorophenyl-phenylether	10.55	204	440605	40.887	ng		97
62) 4-Nitroaniline	10.58	138	200838	39.503	ng		95
63) Azobenzene	10.72	77	946240	39.450	ng		95
65) 4,6-Dinitro-2-methylphenol	10.60	198	55313	31.463	ng		95
66) n-Nitrosodiphenylamine	10.67	169	823459	45.669	ng		96
67) 4-Bromophenyl-phenylether	11.05	248	266790	45.472	ng		95
68) Hexachlorobenzene	11.11	284	265908	42.501	ng	#	91
69) Atrazine	11.20	200	268139	47.608	ng		99
70) Pentachlorophenol	11.30	266	223924	62.890	ng		95
71) Phenanthrene	11.53	178	1252753	44.698	ng		99
72) Anthracene	11.58	178	1276822	45.313	ng		100
73) Carbazole	11.73	167	1081247	39.045	ng		99
74) Di-n-butylphthalate	12.06	149	1429183	46.244	ng		99
75) Fluoranthene	12.72	202	1131898	40.427	ng		100
77) Benzidine	12.84	184	594217	45.782	ng		97
78) Pyrene	12.95	202	1090315	43.853	ng		99
80) Butylbenzylphthalate	13.56	149	505920	50.331	ng		98
81) Benzo(a)anthracene	14.14	228	921468	46.213	ng		99
82) 3,3'-Dichlorobenzidine	14.10	252	239578	34.272	ng		99
83) Chrysene	14.17	228	855993	45.101	ng		99
84) Bis(2-ethylhexyl)phthalate	14.11	149	704663	53.276	ng		96
85) Di-n-octyl phthalate	14.73	149	1107874	59.412	ng		99
86) Indeno(1,2,3-cd)pyrene	17.23	276	658934	43.120	ng	#	95
88) Benzo(b)fluoranthene	15.22	252	797375	48.702	ng		97
89) Benzo(k)fluoranthene	15.25	252	746828	46.279	ng		97
90) Benzo(a)pyrene	15.60	252	713924	47.411	ng		97
91) Dibenzo(a,h)anthracene	17.24	278	553820	41.501	ng		97
92) Benzo(g,h,i)perylene	17.70	276	524383	38.892	ng		97

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

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