Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
Data File : BF098796.D
Acq On : 25 Sep 2017 21:33
Operator : SJ/JU
Sample : I5388-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-016MS

Manual Integrations APPROVED
Sohil
9/26/2017 4:58:36 PM

Quant Time: Sep 26 07:18:19 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	147319	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	624295	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	301209	20.00	ng		0.00
63) Phenanthrene-d10	11.45	188	559598	20.00	ng		0.00
75) Chrysene-d12	14.09	240	397866	20.00	ng		0.00
86) Perylene-d12	15.57	264	296196	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	1152450	124.53	ng		0.00
7) Phenol-d6	6.55	99	1421165	124.49	ng		0.00
23) Nitrobenzene-d5	7.48	82	871407	89.51	ng		0.00
41) 2,4,6-Tribromophenol	10.75	330	329369	133.63	ng		0.00
44) 2-Fluorobiphenyl	9.27	172	1563468	86.65	ng		0.00
78) Terphenyl-d14	13.03	244	1461685	83.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.77	88	159214	36.016	ng		97
3) Pyridine	3.55	79	429694	35.931	ng		98
4) n-Nitrosodimethylamine	3.49	42	221389	43.657	ng		95
6) Aniline	6.58	93	582005	37.773	ng		99
8) 2-Chlorophenol	6.70	128	457782	43.681	ng		96
9) Benzaldehyde	6.46	77	112371	16.969	ng		98
10) Phenol	6.56	94	586483	45.935	ng		98
11) bis(2-Chloroethyl)ether	6.65	93	443330	44.665	ng		99
12) 1,3-Dichlorobenzene	6.86	146	471340	42.944	ng		98
13) 1,4-Dichlorobenzene	6.93	146	473280	42.382	ng		99
14) 1,2-Dichlorobenzene	7.09	146	449733	43.586	ng		99
15) Benzyl Alcohol	7.06	79	401177	47.902	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.19	45	705434	45.617	ng		99
17) 2-Methylphenol	7.16	107	400608	46.718	ng		98
18) Hexachloroethane	7.43	117	171971	42.844	ng		97
19) n-Nitroso-di-n-propylamine	7.33	70	321503	44.109	ng		99
20) 3+4-Methylphenols	7.32	107	487561	44.944	ng	#	89
22) Acetophenone	7.33	105	629896	41.644	ng	#	96
24) Nitrobenzene	7.50	77	484187	43.846	ng		98
25) Isophorone	7.74	82	918534	45.637	ng		99
26) 2-Nitrophenol	7.81	139	255112	48.041	ng		99
27) 2,4-Dimethylphenol	7.85	122	450380	44.910	ng		100
28) bis(2-Chloroethoxy)methane	7.95	93	581411	46.354	ng		99
29) 2,4-Dichlorophenol	8.05	162	404555	46.985	ng		98
30) 1,2,4-Trichlorobenzene	8.14	180	386309	44.859	ng		98
31) Naphthalene	8.22	128	1306365	44.554	ng		99
32) Benzoic acid	7.96	122	226914	27.546	ng		99
33) 4-Chloroaniline	8.26	127	460436	37.604	ng		99
34) Hexachlorobutadiene	8.33	225	192716	43.448	ng		99
35) Caprolactam	8.65	113	146848m	53.169	ng		
36) 4-Chloro-3-methylphenol	8.75	107	444341	45.913	ng		98
37) 2-Methylnaphthalene	8.91	142	929147	48.746	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	352777	39.272	ng		99
40) Hexachlorocyclopentadiene	9.06	237	382909	93.275	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	282500	44.392	ng		99
43) 2,4,5-Trichlorophenol	9.23	196	292621	46.063	ng		98
45) 1,1'-Biphenyl	9.37	154	1069063	41.297	ng		100
46) 2-Chloronaphthalene	9.40	162	847957	43.627	ng		97
47) 2-Nitroaniline	9.50	65	283953	47.711	ng		94
48) Acenaphthylene	9.82	152	1291764	43.415	ng		100
49) Dimethylphthalate	9.68	163	1244179	54.729	ng		99
50) 2,6-Dinitrotoluene	9.74	165	232884	47.054	ng		95
51) Acenaphthene	9.99	154	900801	47.793	ng		100
52) 3-Nitroaniline	9.91	138	236433	40.970	ng	#	90
53) 2,4-Dinitrophenol	10.02	184	207594	80.524	ng		89
54) Dibenzofuran	10.16	168	1184959	47.219	ng		99
55) 4-Nitrophenol	10.07	139	457481	93.753	ng		90
56) 2,4-Dinitrotoluene	10.15	165	317246	49.390	ng	#	90
57) Fluorene	10.50	166	901735	44.706	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.27	232	225670	51.425	ng		99
59) Diethylphthalate	10.37	149	1023205	46.061	ng		98
60) 4-Chlorophenyl-phenylether	10.49	204	403519	44.536	ng		100
61) 4-Nitroaniline	10.53	138	264143	47.444	ng		95
62) Azobenzene	10.66	77	984922	48.221	ng		96
64) 4,6-Dinitro-2-methylphenol	10.55	198	149709	43.971	ng		86
65) n-Nitrosodiphenylamine	10.62	169	840672	43.364	ng		99
66) 4-Bromophenyl-phenylether	10.99	248	240378	43.884	ng		93
67) Hexachlorobenzene	11.05	284	242871	41.515	ng		99
68) Atrazine	11.14	200	247800	42.485	ng		99
69) Pentachlorophenol	11.25	266	292735	80.401	ng		98
70) Phenanthrene	11.47	178	1324550	44.220	ng		100
71) Anthracene	11.52	178	1360603	44.394	ng		100
72) Carbazole	11.67	167	1316217	43.855	ng		100
73) Di-n-butylphthalate	12.00	149	1612083	44.624	ng		100
74) Fluoranthene	12.66	202	1389432	45.808	ng		100
76) Benzidine	12.77	184	511943	34.789	ng		97
77) Pyrene	12.89	202	1430629	47.155	ng		100
79) Butylbenzylphthalate	13.50	149	722464	50.669	ng		92
80) Benzo(a)anthracene	14.07	228	1091536	45.307	ng		100
81) 3,3'-Dichlorobenzidine	14.03	252	302251	34.223	ng		100
82) Chrysene	14.11	228	1020425	44.489	ng		99
83) Bis(2-ethylhexyl)phthalate	14.05	149	977395	49.783	ng		99
84) Di-n-octyl phthalate	14.67	149	1560983	49.377	ng		97
85) Indeno(1,2,3-cd)pyrene	17.08	276	799996	43.602	ng		97
87) Benzo(b)fluoranthene	15.13	252	844601	46.378	ng		97
88) Benzo(k)fluoranthene	15.17	252	839391	46.666	ng		99
89) Benzo(a)pyrene	15.51	252	775222	46.374	ng	#	97
90) Dibenzo(a,h)anthracene	17.10	278	662937	49.553	ng		99
91) Benzo(g,h,i)perylene	17.54	276	678100	51.277	ng		96

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

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