Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108825.D
Acq On : 6 Sep 2018 16:08
Operator : JU/SJ
Sample : PB112638BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB112638BS

Manual Integrations APPROVED
Sohil
9/7/2018 11:15:46 AM

Quant Time: Sep 06 16:50:16 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	305979	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	1265572	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	618591	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	1155799	20.00	ng		0.00
75) Chrysene-d12	13.88	240	721139	20.00	ng		0.01
86) Perylene-d12	15.28	264	698963	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1856432	100.51	ng		0.03
7) Phenol-d6	6.38	99	2416161	101.67	ng		0.01
23) Nitrobenzene-d5	7.30	82	1541254	76.21	ng		0.00
41) 2,4,6-Tribromophenol	10.56	330	629849	106.66	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	2720136	75.02	ng		0.00
78) Terphenyl-d14	12.83	244	2485063	80.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	350978	39.541	ng		94
3) Pyridine	3.28	79	984611	40.504	ng		90
4) n-Nitrosodimethylamine	3.22	42	420871	45.078	ng		89
6) Aniline	6.40	93	952826	29.811	ng		98
8) 2-Chlorophenol	6.52	128	835800	40.883	ng		99
9) Benzaldehyde	6.28	77	450868	26.744	ng		98
10) Phenol	6.39	94	1037518	38.118	ng		83
11) bis(2-Chloroethyl)ether	6.48	93	843121	38.668	ng		97
12) 1,3-Dichlorobenzene	6.68	146	907578	38.903	ng		98
13) 1,4-Dichlorobenzene	6.75	146	909475	38.983	ng		99
14) 1,2-Dichlorobenzene	6.91	146	843117	39.208	ng		99
15) Benzyl Alcohol	6.88	79	740390	40.598	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1306219	40.076	ng		96
17) 2-Methylphenol	7.00	107	730614	42.289	ng		98
18) Hexachloroethane	7.25	117	349728	41.574	ng		98
19) n-Nitroso-di-n-propylamine	7.16	70	634390	38.405	ng		97
20) 3+4-Methylphenols	7.15	107	824439	40.737	ng	#	69
22) Acetophenone	7.15	105	1155907	40.244	ng	#	90
24) Nitrobenzene	7.32	77	917113	42.266	ng		100
25) Isophorone	7.57	82	1768748	43.848	ng		98
26) 2-Nitrophenol	7.64	139	431436	50.468	ng		98
27) 2,4-Dimethylphenol	7.68	122	813540	46.864	ng		97
28) bis(2-Chloroethoxy)methane	7.77	93	1116058	41.382	ng		99
29) 2,4-Dichlorophenol	7.88	162	741746	41.438	ng		98
30) 1,2,4-Trichlorobenzene	7.97	180	753411	38.838	ng		96
31) Naphthalene	8.04	128	2372096	41.661	ng		97
32) Benzoic acid	7.82	122	557750	48.780	ng		99
33) 4-Chloroaniline	8.09	127	640388	24.489	ng		97
34) Hexachlorobutadiene	8.17	225	440642	38.023	ng		100
35) Caprolactam	8.46	113	243724m	40.182	ng		
36) 4-Chloro-3-methylphenol	8.58	107	773906	40.585	ng		97
37) 2-Methylnaphthalene	8.73	142	1647791	43.806	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	678958	36.717	ng		99
40) Hexachlorocyclopentadiene	8.90	237	870733	93.600	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	540809	42.938	ng		99
43) 2,4,5-Trichlorophenol	9.05	196	544813	41.730	ng		98
45) 1,1'-Biphenyl	9.20	154	1881248	39.503	ng		98
46) 2-Chloronaphthalene	9.22	162	1489212	38.666	ng		99
47) 2-Nitroaniline	9.31	65	486629	46.250	ng		98
48) Acenaphthylene	9.64	152	2359129	41.093	ng		98
49) Dimethylphthalate	9.50	163	1723747	39.840	ng		98
50) 2,6-Dinitrotoluene	9.55	165	389751	47.275	ng		92
51) Acenaphthene	9.81	154	1537081	43.266	ng		97
52) 3-Nitroaniline	9.72	138	329093	33.534	ng		95
53) 2,4-Dinitrophenol	9.83	184	294312	95.184	ng	#	19
54) Dibenzofuran	9.98	168	1998763	38.596	ng		95
55) 4-Nitrophenol	9.89	139	642202	87.533	ng		97
56) 2,4-Dinitrotoluene	9.96	165	488000	46.285	ng	#	97
57) Fluorene	10.32	166	1449615	43.620	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	457610	43.464	ng		88
59) Diethylphthalate	10.20	149	1701026	38.097	ng		95
60) 4-Chlorophenyl-phenylether	10.31	204	700010	39.440	ng		95
61) 4-Nitroaniline	10.34	138	421402	47.399	ng		96
62) Azobenzene	10.47	77	1784582	38.721	ng		96
64) 4,6-Dinitro-2-methylphenol	10.37	198	195399	43.707	ng		88
65) n-Nitrosodiphenylamine	10.43	169	1476632	38.426	ng		97
66) 4-Bromophenyl-phenylether	10.80	248	499620	38.273	ng	#	86
67) Hexachlorobenzene	10.87	284	526599	37.789	ng		93
68) Atrazine	10.96	200	474438	38.566	ng		98
69) Pentachlorophenol	11.06	266	582173	68.332	ng		99
70) Phenanthrene	11.28	178	2191199	39.700	ng		98
71) Anthracene	11.32	178	2245051	42.483	ng		96
72) Carbazole	11.48	167	2012466	36.160	ng		98
73) Di-n-butylphthalate	11.82	149	2447330	39.599	ng		97
74) Fluoranthene	12.45	202	2271784	41.571	ng		98
76) Benzidine	12.57	184	1304551	38.168	ng		100
77) Pyrene	12.68	202	2258764	40.705	ng		97
79) Butylbenzylphthalate	13.31	149	1047551	41.921	ng		95
80) Benzo(a)anthracene	13.87	228	1873268	40.527	ng		97
81) 3,3'-Dichlorobenzidine	13.83	252	411891	22.872	ng	#	97
82) Chrysene	13.90	228	1827917	40.850	ng		97
83) Bis(2-ethylhexyl)phthalate	13.87	149	1223359	38.956	ng		99
84) Di-n-octyl phthalate	14.48	149	2239042	42.766	ng		99
85) Indeno(1,2,3-cd)pyrene	16.64	276	1477336	37.306	ng		96
87) Benzo(b)fluoranthene	14.88	252	1646646	43.325	ng		97
88) Benzo(k)fluoranthene	14.91	252	1527880	43.653	ng		98
89) Benzo(a)pyrene	15.22	252	1470619	42.883	ng		98
90) Dibenzo(a,h)anthracene	16.65	278	1214781	40.200	ng		98
91) Benzo(g,h,i)perylene	17.05	276	1264103	41.780	ng		94

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

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