Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061918\
Data File : BF106585.D
Acq On : 19 Jun 2018 16:40
Operator : JU/SJ
Sample : PB110285BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB110285BS

Manual Integrations APPROVED
Sohil
6/20/2018 4:58:29 PM

Quant Time: Jun 19 17:48:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 19 14:32:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	117731	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	451161	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	225274	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	445525	20.00	ng		0.00
75) Chrysene-d12	14.15	240	276343	20.00	ng		0.00
86) Perylene-d12	15.69	264	272169	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	759433	109.23	ng		0.01
7) Phenol-d6	6.61	99	971118	111.85	ng		0.00
23) Nitrobenzene-d5	7.53	82	676501	83.33	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	319850	122.50	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1178066	89.25	ng		0.00
78) Terphenyl-d14	13.08	244	1250402	109.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	115513	32.316	ng		96
3) Pyridine	3.66	79	340451	35.119	ng		98
4) n-Nitrosodimethylamine	3.62	42	151555	36.809	ng		92
6) Aniline	6.63	93	247710	21.032	ng	#	88
8) 2-Chlorophenol	6.75	128	295996	38.815	ng		97
9) Benzaldehyde	6.51	77	188177	29.703	ng		98
10) Phenol	6.62	94	368122	37.151	ng		82
11) bis(2-Chloroethyl)ether	6.70	93	306234	37.436	ng		98
12) 1,3-Dichlorobenzene	6.90	146	339863	38.052	ng		99
13) 1,4-Dichlorobenzene	6.98	146	342005	37.875	ng		99
14) 1,2-Dichlorobenzene	7.13	146	315968	38.181	ng		99
15) Benzyl Alcohol	7.10	79	271832	38.990	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	464795	43.306	ng		86
17) 2-Methylphenol	7.22	107	261492	40.069	ng	#	94
18) Hexachloroethane	7.47	117	123284	38.825	ng		92
19) n-Nitroso-di-n-propylamine	7.37	70	207422	36.242	ng		96
20) 3+4-Methylphenols	7.37	107	303068	42.303	ng	#	72
22) Acetophenone	7.37	105	404177	40.043	ng	#	93
24) Nitrobenzene	7.55	77	339902	41.009	ng		99
25) Isophorone	7.78	82	626412	43.788	ng		99
26) 2-Nitrophenol	7.86	139	170694	43.626	ng		99
27) 2,4-Dimethylphenol	7.90	122	281506	46.548	ng		98
28) bis(2-Chloroethoxy)methane	7.99	93	396612	41.292	ng		98
29) 2,4-Dichlorophenol	8.11	162	276719	43.705	ng		99
30) 1,2,4-Trichlorobenzene	8.18	180	284263	40.755	ng		95
31) Naphthalene	8.27	128	860964	40.817	ng		99
32) Benzoic acid	8.02	122	155829m	36.925	ng		
33) 4-Chloroaniline	8.31	127	84821	9.584	ng		98
34) Hexachlorobutadiene	8.38	225	184280	40.547	ng		99
35) Caprolactam	8.70	113	85385m	41.371	ng		
36) 4-Chloro-3-methylphenol	8.81	107	291700	43.770	ng		97
37) 2-Methylnaphthalene	8.96	142	599736	42.896	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	301677	39.765	ng		97
40) Hexachlorocyclopentadiene	9.11	237	335579	85.974	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	207018	41.051	ng		99
43) 2,4,5-Trichlorophenol	9.29	196	215186	40.894	ng		93
45) 1,1'-Biphenyl	9.42	154	700880	39.039	ng		99
46) 2-Chloronaphthalene	9.45	162	566940	40.118	ng		96
47) 2-Nitroaniline	9.55	65	191483	40.295	ng		91
48) Acenaphthylene	9.87	152	893873	40.064	ng		98
49) Dimethylphthalate	9.72	163	669791	39.642	ng		100
50) 2,6-Dinitrotoluene	9.79	165	151021	42.211	ng		98
51) Acenaphthene	10.04	154	519749	36.994	ng		99
52) 3-Nitroaniline	9.96	138	62419	15.161	ng		97
53) 2,4-Dinitrophenol	10.07	184	126168	68.641	ng	#	20
54) Dibenzofuran	10.21	168	778055	40.443	ng		97
55) 4-Nitrophenol	10.14	139	196194	68.271	ng		95
56) 2,4-Dinitrotoluene	10.20	165	201931	43.240	ng	#	99
57) Fluorene	10.56	166	590177	38.659	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	184887	44.200	ng	#	82
59) Diethylphthalate	10.42	149	643363	39.452	ng	#	94
60) 4-Chlorophenyl-phenylether	10.54	204	312419	39.113	ng		91
61) 4-Nitroaniline	10.58	138	151518	37.083	ng		99
62) Azobenzene	10.71	77	662003	41.224	ng		94
64) 4,6-Dinitro-2-methylphenol	10.61	198	99933	36.287	ng	#	72
65) n-Nitrosodiphenylamine	10.67	169	571856	38.161	ng		97
66) 4-Bromophenyl-phenylether	11.04	248	219279	41.240	ng	#	83
67) Hexachlorobenzene	11.11	284	225816	40.577	ng	#	81
68) Atrazine	11.19	200	197052	41.364	ng		96
69) Pentachlorophenol	11.30	266	188381	67.842	ng		99
70) Phenanthrene	11.52	178	869307	40.454	ng		99
71) Anthracene	11.58	178	897749	40.930	ng		98
72) Carbazole	11.73	167	772190	37.603	ng		99
73) Di-n-butylphthalate	12.05	149	961701	39.752	ng		99
74) Fluoranthene	12.71	202	900372	38.015	ng		98
76) Benzidine	12.83	184	281246	35.736	ng		98
77) Pyrene	12.95	202	890477	48.866	ng		99
79) Butylbenzylphthalate	13.55	149	348285	46.485	ng	#	97
80) Benzo(a)anthracene	14.14	228	696584	41.359	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	117306	19.817	ng	#	96
82) Chrysene	14.18	228	651647	42.056	ng		100
83) Bis(2-ethylhexyl)phthalate	14.11	149	440442	45.981	ng		99
84) Di-n-octyl phthalate	14.75	149	619866	39.700	ng		98
85) Indeno(1,2,3-cd)pyrene	17.27	276	812876	61.819	ng	#	92
87) Benzo(b)fluoranthene	15.24	252	632247m	37.396	ng		
88) Benzo(k)fluoranthene	15.27	252	609612	37.863	ng	#	97
89) Benzo(a)pyrene	15.63	252	630474	41.948	ng		97
90) Dibenzo(a,h)anthracene	17.29	278	669662	52.573	ng	#	95
91) Benzo(g,h,i)perylene	17.75	276	699122	56.154	ng	#	92

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

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