Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
Data File : BF106931.D
Acq On : 28 Jun 2018 20:02
Operator : JU/SJ
Sample : PB110673BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB110673BSD

Manual Integrations APPROVED
Sohil
6/29/2018 2:30:45 PM

Quant Time: Jun 29 09:13:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 25 18:50:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	68141	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	257314	20.00	ng		-0.01
38) Acenaphthene-d10	10.00	164	129953	20.00	ng		-0.01
63) Phenanthrene-d10	11.49	188	241968	20.00	ng		-0.01
75) Chrysene-d12	14.14	240	155726	20.00	ng		-0.02
86) Perylene-d12	15.67	264	164282	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	500701	124.43	ng		0.00
7) Phenol-d6	6.60	99	633644	126.09	ng		-0.01
23) Nitrobenzene-d5	7.52	82	400840	86.57	ng		-0.02
41) 2,4,6-Tribromophenol	10.80	330	209095	138.82	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	767022	103.03	ng		-0.01
78) Terphenyl-d14	13.07	244	784548	122.04	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.88	88	71644	34.630	ng		98
3) Pyridine	3.65	79	207999	37.071	ng		95
4) n-Nitrosodimethylamine	3.61	42	85536	35.893	ng	#	84
6) Aniline	6.62	93	215414	31.600	ng		99
8) 2-Chlorophenol	6.75	128	194292	44.020	ng		97
9) Benzaldehyde	6.51	77	113680	31.376	ng		99
10) Phenol	6.61	94	235171	41.006	ng		82
11) bis(2-Chloroethyl)ether	6.69	93	190018	40.134	ng		98
12) 1,3-Dichlorobenzene	6.90	146	228896	44.279	ng		98
13) 1,4-Dichlorobenzene	6.97	146	231011	44.202	ng		98
14) 1,2-Dichlorobenzene	7.12	146	214849	44.856	ng		97
15) Benzyl Alcohol	7.10	79	165296	40.964	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.22	45	264898	42.643	ng		85
17) 2-Methylphenol	7.21	107	164488	43.548	ng	#	92
18) Hexachloroethane	7.46	117	79025	42.998	ng		92
19) n-Nitroso-di-n-propylamine	7.36	70	129671	39.145	ng		95
20) 3+4-Methylphenols	7.37	107	199756	50.828	ng	#	72
22) Acetophenone	7.36	105	263747	45.815	ng	#	96
24) Nitrobenzene	7.54	77	208062	44.014	ng		98
25) Isophorone	7.77	82	370924	45.462	ng		98
26) 2-Nitrophenol	7.85	139	110333	49.442	ng		96
27) 2,4-Dimethylphenol	7.89	122	175950	51.012	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	238187	43.479	ng		98
29) 2,4-Dichlorophenol	8.10	162	176092	48.764	ng		93
30) 1,2,4-Trichlorobenzene	8.18	180	201679	50.698	ng		96
31) Naphthalene	8.26	128	562791	46.782	ng		100
32) Benzoic acid	8.02	122	75101	32.091	ng		96
33) 4-Chloroaniline	8.31	127	92951	18.414	ng		99
34) Hexachlorobutadiene	8.37	225	131821	50.855	ng		98
35) Caprolactam	8.69	113	52480m	44.584	ng		
36) 4-Chloro-3-methylphenol	8.80	107	177177	46.614	ng		97
37) 2-Methylnaphthalene	8.95	142	418232	52.450	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	220863	50.467	ng	#	96
40) Hexachlorocyclopentadiene	9.10	237	160757	71.395	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	121757	41.854	ng		94
43) 2,4,5-Trichlorophenol	9.28	196	129957	42.812	ng	#	90
45) 1,1'-Biphenyl	9.41	154	492346	47.539	ng		98
46) 2-Chloronaphthalene	9.44	162	366052	44.903	ng		95
47) 2-Nitroaniline	9.54	65	107064	39.056	ng		96
48) Acenaphthylene	9.86	152	567931	44.126	ng		98
49) Dimethylphthalate	9.71	163	418300	42.917	ng		99
50) 2,6-Dinitrotoluene	9.78	165	98319	47.638	ng	#	82
51) Acenaphthene	10.03	154	343334	42.362	ng		98
52) 3-Nitroaniline	9.95	138	51960	21.878	ng		96
53) 2,4-Dinitrophenol	10.07	184	81346	76.087	ng	#	20
54) Dibenzofuran	10.20	168	531690	47.909	ng		97
55) 4-Nitrophenol	10.13	139	92683	55.908	ng		95
56) 2,4-Dinitrotoluene	10.19	165	125652	46.642	ng		88
57) Fluorene	10.55	166	410502	46.613	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.32	232	112694	46.703	ng	#	77
59) Diethylphthalate	10.41	149	385726	41.003	ng		95
60) 4-Chlorophenyl-phenylether	10.53	204	215588	46.787	ng	#	87
61) 4-Nitroaniline	10.58	138	94312	40.013	ng		90
62) Azobenzene	10.70	77	374275	40.402	ng		93
64) 4,6-Dinitro-2-methylphenol	10.60	198	65920	44.073	ng	#	72
65) n-Nitrosodiphenylamine	10.65	169	351336	43.169	ng		99
66) 4-Bromophenyl-phenylether	11.02	248	145690	50.451	ng	#	81
67) Hexachlorobenzene	11.10	284	152405	50.425	ng	#	83
68) Atrazine	11.18	200	122631	47.397	ng		95
69) Pentachlorophenol	11.30	266	94856	62.898	ng		98
70) Phenanthrene	11.51	178	581296	49.809	ng		99
71) Anthracene	11.57	178	597212	50.134	ng		100
72) Carbazole	11.72	167	500580	44.884	ng		98
73) Di-n-butylphthalate	12.03	149	541506	41.214	ng		100
74) Fluoranthene	12.71	202	579228	45.029	ng		95
76) Benzidine	12.82	184	238092	53.684	ng		97
77) Pyrene	12.94	202	568477	55.358	ng		99
79) Butylbenzylphthalate	13.54	149	182709	43.274	ng	#	97
80) Benzo(a)anthracene	14.13	228	464434	48.934	ng		99
81) 3,3'-Dichlorobenzidine	14.08	252	85778	25.715	ng	#	95
82) Chrysene	14.17	228	430134	49.261	ng		100
83) Bis(2-ethylhexyl)phthalate	14.09	149	216728	40.151	ng		96
84) Di-n-octyl phthalate	14.72	149	329451	37.443	ng		96
85) Indeno(1,2,3-cd)pyrene	17.25	276	594752	80.264	ng	#	89
87) Benzo(b)fluoranthene	15.22	252	431033	42.237	ng	#	96
88) Benzo(k)fluoranthene	15.25	252	423298	43.557	ng	#	94
89) Benzo(a)pyrene	15.61	252	442070	48.728	ng	#	97
90) Dibenzo(a,h)anthracene	17.27	278	488680	63.560	ng	#	92
91) Benzo(g,h,i)perylene	17.73	276	524504	69.795	ng	#	89

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

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