Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106296.D
Acq On : 11 Jun 2018 16:02
Operator : JU/SJ
Sample : PB110108BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB110108BS

Manual Integrations APPROVED
Sohil
6/12/2018 12:58:14 PM

Quant Time: Jun 12 01:31:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 11 15:00:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	200691	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	762275	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	366413	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	747940	20.00	ng		0.00
75) Chrysene-d12	14.16	240	661311	20.00	ng		0.00
86) Perylene-d12	15.69	264	493509	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1450302	122.31	ng		0.01
7) Phenol-d6	6.60	99	1852831	123.68	ng		0.00
23) Nitrobenzene-d5	7.54	82	1244164	96.02	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	572661	162.43	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1946034	99.37	ng		0.00
78) Terphenyl-d14	13.09	244	2246468	84.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	209055	34.066	ng		95
3) Pyridine	3.65	79	640801	37.471	ng		99
4) n-Nitrosodimethylamine	3.61	42	297584	37.985	ng		95
6) Aniline	6.64	93	617042	28.207	ng		99
8) 2-Chlorophenol	6.76	128	522651	40.987	ng		99
9) Benzaldehyde	6.52	77	389911	34.313	ng		99
10) Phenol	6.61	94	645445	39.466	ng		97
11) bis(2-Chloroethyl)ether	6.71	93	537467	38.389	ng		97
12) 1,3-Dichlorobenzene	6.91	146	599560	39.950	ng		99
13) 1,4-Dichlorobenzene	6.99	146	607814	39.910	ng		99
14) 1,2-Dichlorobenzene	7.14	146	560450	39.091	ng		98
15) Benzyl Alcohol	7.11	79	520817	40.595	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	900415	44.865	ng		98
17) 2-Methylphenol	7.21	107	480565	42.241	ng		99
18) Hexachloroethane	7.48	117	220090	40.557	ng		96
19) n-Nitroso-di-n-propylamine	7.38	70	404814	36.018	ng		97
20) 3+4-Methylphenols	7.37	107	594396	40.855	ng		88
22) Acetophenone	7.38	105	768747	40.018	ng	#	98
24) Nitrobenzene	7.55	77	619669	43.999	ng		98
25) Isophorone	7.79	82	1133615	44.791	ng		97
26) 2-Nitrophenol	7.87	139	283153	51.798	ng		93
27) 2,4-Dimethylphenol	7.90	122	525992	49.091	ng		100
28) bis(2-Chloroethoxy)methane	8.00	93	697316	42.491	ng		98
29) 2,4-Dichlorophenol	8.10	162	483105	46.737	ng		99
30) 1,2,4-Trichlorobenzene	8.19	180	492878	42.526	ng		97
31) Naphthalene	8.28	128	1436946	41.700	ng		96
32) Benzoic acid	8.01	122	368473	46.835	ng		89
33) 4-Chloroaniline	8.32	127	173501	11.362	ng		98
34) Hexachlorobutadiene	8.39	225	310320	41.676	ng		99
35) Caprolactam	8.69	113	155119m	44.366	ng		
36) 4-Chloro-3-methylphenol	8.80	107	519523	45.436	ng		98
37) 2-Methylnaphthalene	8.97	142	1035427	44.117	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	508987	42.791	ng		98
40) Hexachlorocyclopentadiene	9.12	237	680532	103.697	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	365126	48.168	ng		100
43) 2,4,5-Trichlorophenol	9.28	196	389442	47.657	ng		95
45) 1,1'-Biphenyl	9.43	154	1196452	42.157	ng		97
46) 2-Chloronaphthalene	9.46	162	976075	42.976	ng		98
47) 2-Nitroaniline	9.55	65	352105	49.282	ng		83
48) Acenaphthylene	9.88	152	1518987	43.695	ng		95
49) Dimethylphthalate	9.73	163	1115794	42.623	ng	#	97
50) 2,6-Dinitrotoluene	9.79	165	267591	50.042	ng		90
51) Acenaphthene	10.05	154	1052172	46.866	ng		98
52) 3-Nitroaniline	9.96	138	166593	26.249	ng		96
53) 2,4-Dinitrophenol	10.07	184	288914	113.623	ng	#	21
54) Dibenzofuran	10.22	168	1296053	42.871	ng	#	92
55) 4-Nitrophenol	10.11	139	477183	98.091	ng		89
56) 2,4-Dinitrotoluene	10.20	165	366307	54.551	ng		96
57) Fluorene	10.57	166	1020482	42.605	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	336207	51.909	ng	#	86
59) Diethylphthalate	10.43	149	1111265	42.768	ng	#	94
60) 4-Chlorophenyl-phenylether	10.55	204	532652	42.280	ng		89
61) 4-Nitroaniline	10.58	138	299712	48.537	ng		95
62) Azobenzene	10.71	77	1188649	43.872	ng		93
64) 4,6-Dinitro-2-methylphenol	10.60	198	197771	48.884	ng		92
65) n-Nitrosodiphenylamine	10.67	169	1000746	39.811	ng		97
66) 4-Bromophenyl-phenylether	11.04	248	372307	43.765	ng	#	87
67) Hexachlorobenzene	11.11	284	380544	43.390	ng	#	88
68) Atrazine	11.20	200	347201	44.820	ng		97
69) Pentachlorophenol	11.30	266	450250	83.387	ng		99
70) Phenanthrene	11.53	178	1514778	41.354	ng		94
71) Anthracene	11.58	178	1546723	42.150	ng		93
72) Carbazole	11.73	167	1444752	42.645	ng		95
73) Di-n-butylphthalate	12.05	149	1625246	43.104	ng	#	95
74) Fluoranthene	12.72	202	1692349	43.323	ng		96
76) Benzidine	12.84	184	962159	43.716	ng		100
77) Pyrene	12.95	202	1708658	41.270	ng		94
79) Butylbenzylphthalate	13.56	149	795897	51.355	ng	#	94
80) Benzo(a)anthracene	14.15	228	1679804	42.684	ng		94
81) 3,3'-Dichlorobenzidine	14.11	252	373264	28.111	ng	#	97
82) Chrysene	14.19	228	1534047	42.695	ng		94
83) Bis(2-ethylhexyl)phthalate	14.12	149	1086270	48.885	ng		97
84) Di-n-octyl phthalate	14.76	149	1660218	51.825	ng		99
85) Indeno(1,2,3-cd)pyrene	17.26	276	1297617	45.252	ng		94
87) Benzo(b)fluoranthene	15.24	252	1406943	47.162	ng		96
88) Benzo(k)fluoranthene	15.28	252	1260937m	42.679	ng		
89) Benzo(a)pyrene	15.63	252	1258510	46.902	ng		97
90) Dibenzo(a,h)anthracene	17.28	278	1070471	47.852	ng		97
91) Benzo(g,h,i)perylene	17.74	276	1109952	51.055	ng	#	92

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

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