Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100218\
Data File : BF109518.D
Acq On : 2 Oct 2018 22:37
Operator : JU/SJ
Sample : PB113418BSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB113418BSD

Manual Integrations APPROVED
Sohil
10/3/2018 9:31:08 AM

Quant Time: Oct 03 04:53:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	112760	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	432790	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	204083	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	367018	20.00	ng		0.00
75) Chrysene-d12	13.84	240	238369	20.00	ng		0.00
86) Perylene-d12	15.24	264	266769	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	568339	83.02	ng		0.01
7) Phenol-d6	6.36	99	719745	82.39	ng		0.00
23) Nitrobenzene-d5	7.27	82	672954	91.79	ng		-0.01
41) 2,4,6-Tribromophenol	10.52	330	186221	92.56	ng		-0.01
44) 2-Fluorobiphenyl	9.06	172	1229311	90.85	ng		-0.01
78) Terphenyl-d14	12.79	244	1047393	107.84	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	99978	31.709	ng		92
3) Pyridine	3.15	79	253023	31.180	ng		90
4) n-Nitrosodimethylamine	3.09	42	126529	36.638	ng	#	98
6) Aniline	6.37	93	243939	21.826	ng	#	1
8) 2-Chlorophenol	6.49	128	313834	41.223	ng		98
9) Benzaldehyde	6.25	77	136908	24.396	ng		99
10) Phenol	6.37	94	368097	37.208	ng		76
11) bis(2-Chloroethyl)ether	6.45	93	273971	35.391	ng		95
12) 1,3-Dichlorobenzene	6.65	146	332764	37.963	ng		99
13) 1,4-Dichlorobenzene	6.72	146	347722	39.377	ng		99
14) 1,2-Dichlorobenzene	6.87	146	306775	37.659	ng		99
15) Benzyl Alcohol	6.85	79	256161	38.308	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.99	45	404803	36.866	ng		77
17) 2-Methylphenol	6.97	107	245723	39.890	ng	#	90
18) Hexachloroethane	7.22	117	123924	39.832	ng		97
19) n-Nitroso-di-n-propylamine	7.13	70	218867	38.235	ng		98
20) 3+4-Methylphenols	7.13	107	306642	41.231	ng	#	87
22) Acetophenone	7.12	105	434315	43.405	ng		98
24) Nitrobenzene	7.29	77	326677	41.907	ng		96
25) Isophorone	7.53	82	600936	45.518	ng		97
26) 2-Nitrophenol	7.60	139	158918	51.550	ng		96
27) 2,4-Dimethylphenol	7.65	122	278341	48.386	ng		98
28) bis(2-Chloroethoxy)methane	7.74	93	380692	43.561	ng		99
29) 2,4-Dichlorophenol	7.85	162	265106	43.863	ng		99
30) 1,2,4-Trichlorobenzene	7.93	180	267964	39.677	ng		97
31) Naphthalene	8.01	128	893865	44.198	ng		100
32) Benzoic acid	7.79	122	129428	35.218	ng		99
33) 4-Chloroaniline	8.06	127	102442	11.595	ng		97
34) Hexachlorobutadiene	8.13	225	166409	40.873	ng		99
35) Caprolactam	8.43	113	81177m	42.069	ng		
36) 4-Chloro-3-methylphenol	8.55	107	280584	44.117	ng		99
37) 2-Methylnaphthalene	8.70	142	595642	45.687	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	273147	42.055	ng		99
40) Hexachlorocyclopentadiene	8.86	237	171917	60.685	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	180698	43.348	ng		99
43) 2,4,5-Trichlorophenol	9.02	196	197776	44.923	ng		97
45) 1,1'-Biphenyl	9.16	154	712076	42.824	ng		99
46) 2-Chloronaphthalene	9.19	162	539943	40.647	ng		98
47) 2-Nitroaniline	9.28	65	169325	44.959	ng		93
48) Acenaphthylene	9.60	152	876772	43.752	ng		99
49) Dimethylphthalate	9.47	163	670939	45.200	ng		99
50) 2,6-Dinitrotoluene	9.53	165	139250	47.367	ng		97
51) Acenaphthene	9.77	154	494802	40.839	ng		98
52) 3-Nitroaniline	9.69	138	71080	20.878	ng		97
53) 2,4-Dinitrophenol	9.80	184	71233	69.571	ng	#	22
54) Dibenzofuran	9.95	168	733681	40.718	ng		99
55) 4-Nitrophenol	9.87	139	184474	71.928	ng		89
56) 2,4-Dinitrotoluene	9.93	165	172766	46.446	ng	#	87
57) Fluorene	10.28	166	563642	43.842	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	165855	47.579	ng	#	85
59) Diethylphthalate	10.16	149	656524	43.677	ng		98
60) 4-Chlorophenyl-phenylether	10.27	204	275818	41.076	ng		95
61) 4-Nitroaniline	10.31	138	133664	40.258	ng		98
62) Azobenzene	10.43	77	632637	40.509	ng		97
64) 4,6-Dinitro-2-methylphenol	10.34	198	56357	39.674	ng		88
65) n-Nitrosodiphenylamine	10.40	169	544499	44.903	ng		96
66) 4-Bromophenyl-phenylether	10.76	248	181353	44.497	ng	#	86
67) Hexachlorobenzene	10.83	284	183614	42.420	ng	#	89
68) Atrazine	10.93	200	180359	48.362	ng		96
69) Pentachlorophenol	11.03	266	172459	66.569	ng		99
70) Phenanthrene	11.24	178	794491	43.355	ng		99
71) Anthracene	11.29	178	819340	44.082	ng		99
72) Carbazole	11.45	167	711830	38.492	ng		99
73) Di-n-butylphthalate	11.78	149	970854	45.604	ng		99
74) Fluoranthene	12.42	202	765907	39.110	ng		95
76) Benzidine	12.54	184	309598	36.023	ng		99
77) Pyrene	12.64	202	750697	43.943	ng		100
79) Butylbenzylphthalate	13.27	149	353804	48.679	ng		98
80) Benzo(a)anthracene	13.83	228	597105	41.588	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	156350	28.654	ng		97
82) Chrysene	13.87	228	609464	42.828	ng		99
83) Bis(2-ethylhexyl)phthalate	13.83	149	450540	49.152	ng		98
84) Di-n-octyl phthalate	14.43	149	802273	51.190	ng		98
85) Indeno(1,2,3-cd)pyrene	16.59	276	581969	50.453	ng	#	92
87) Benzo(b)fluoranthene	14.84	252	629216	42.924	ng		98
88) Benzo(k)fluoranthene	14.87	252	622386m	44.744	ng		
89) Benzo(a)pyrene	15.19	252	610002	46.181	ng		97
90) Dibenzo(a,h)anthracene	16.60	278	490234	45.240	ng		96
91) Benzo(g,h,i)perylene	17.00	276	454742	42.698	ng	#	91

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

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