Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
Data File : BF109419.D
Acq On : 28 Sep 2018 7:03
Operator : JU/SJ
Sample : PB113249BSD
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB113249BSD

Manual Integrations APPROVED
Sohil
9/28/2018 2:40:38 PM

Quant Time: Sep 28 07:35:39 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	6.71	152	107831	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	406317	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	188449	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	304979	20.00	ng		0.00
75) Chrysene-d12	13.85	240	212626	20.00	ng		0.00
86) Perylene-d12	15.24	264	196163	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	628375	95.98	ng		0.01
7) Phenol-d6	6.35	99	805195	96.38	ng		0.00
23) Nitrobenzene-d5	7.27	82	750472	109.03	ng		0.00
41) 2,4,6-Tribromophenol	10.53	330	181540	97.72	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1319716	105.62	ng		0.00
78) Terphenyl-d14	12.80	244	993322	114.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	114655	38.026	ng		92
3) Pyridine	3.14	79	329210	42.422	ng		91
4) n-Nitrosodimethylamine	3.08	42	155632	47.125	ng	#	99
6) Aniline	6.37	93	376325	35.210	ng	#	33
8) 2-Chlorophenol	6.50	128	332934	45.731	ng		94
9) Benzaldehyde	6.25	77	198281	36.947	ng		99
10) Phenol	6.37	94	402882	42.585	ng	#	64
11) bis(2-Chloroethyl)ether	6.45	93	320050	43.234	ng		99
12) 1,3-Dichlorobenzene	6.65	146	363329	43.345	ng		99
13) 1,4-Dichlorobenzene	6.73	146	367071	43.468	ng		98
14) 1,2-Dichlorobenzene	6.88	146	337070	43.269	ng		99
15) Benzyl Alcohol	6.86	79	289586	45.287	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.99	45	454209	43.256	ng		95
17) 2-Methylphenol	6.97	107	269569	45.761	ng		95
18) Hexachloroethane	7.22	117	124849	41.964	ng		97
19) n-Nitroso-di-n-propylamine	7.13	70	240430	43.922	ng		94
20) 3+4-Methylphenols	7.13	107	321313	45.178	ng	#	85
22) Acetophenone	7.12	105	459364	48.900	ng	#	96
24) Nitrobenzene	7.29	77	353436	48.293	ng		99
25) Isophorone	7.53	82	654984	52.844	ng		98
26) 2-Nitrophenol	7.61	139	165630	57.227	ng		97
27) 2,4-Dimethylphenol	7.65	122	299523	55.461	ng		99
28) bis(2-Chloroethoxy)methane	7.75	93	411045	50.098	ng		99
29) 2,4-Dichlorophenol	7.85	162	283644	49.988	ng		98
30) 1,2,4-Trichlorobenzene	7.93	180	293180	46.240	ng		98
31) Naphthalene	8.02	128	940321	49.524	ng		100
32) Benzoic acid	7.77	122	121376m	35.186	ng		
33) 4-Chloroaniline	8.06	127	254978	30.740	ng		97
34) Hexachlorobutadiene	8.13	225	178623	46.731	ng		100
35) Caprolactam	8.44	113	89990m	49.674	ng		
36) 4-Chloro-3-methylphenol	8.55	107	294452	49.314	ng		98
37) 2-Methylnaphthalene	8.70	142	634662	51.851	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	294063	49.031	ng		98
40) Hexachlorocyclopentadiene	8.86	237	110859	42.379	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	194208	50.454	ng		99
43) 2,4,5-Trichlorophenol	9.03	196	205795	50.622	ng		95
45) 1,1'-Biphenyl	9.17	154	754928	49.168	ng		97
46) 2-Chloronaphthalene	9.19	162	575738	46.937	ng		98
47) 2-Nitroaniline	9.29	65	181980	52.328	ng		97
48) Acenaphthylene	9.60	152	916374	49.522	ng		100
49) Dimethylphthalate	9.47	163	710714	51.852	ng		100
50) 2,6-Dinitrotoluene	9.53	165	148652	54.760	ng		95
51) Acenaphthene	9.77	154	521027	46.572	ng		97
52) 3-Nitroaniline	9.69	138	123561	39.304	ng		97
53) 2,4-Dinitrophenol	9.80	184	36455	42.348	ng	#	18
54) Dibenzofuran	9.95	168	783311	47.079	ng		97
55) 4-Nitrophenol	9.86	139	202874	85.665	ng		90
56) 2,4-Dinitrotoluene	9.93	165	182914	53.254	ng	#	98
57) Fluorene	10.29	166	568556	47.893	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.07	232	152482	47.372	ng		91
59) Diethylphthalate	10.17	149	683877	49.271	ng		96
60) 4-Chlorophenyl-phenylether	10.28	204	281086	45.333	ng		93
61) 4-Nitroaniline	10.30	138	132433	43.196	ng		98
62) Azobenzene	10.44	77	654371	45.377	ng		96
64) 4,6-Dinitro-2-methylphenol	10.34	198	30170	27.879	ng		86
65) n-Nitrosodiphenylamine	10.40	169	557693	55.347	ng		96
66) 4-Bromophenyl-phenylether	10.77	248	183612	54.216	ng	#	86
67) Hexachlorobenzene	10.84	284	178671	49.674	ng	#	87
68) Atrazine	10.93	200	178728	57.673	ng		98
69) Pentachlorophenol	11.03	266	164026	76.193	ng		98
70) Phenanthrene	11.24	178	772240	50.713	ng		99
71) Anthracene	11.29	178	789828	51.139	ng		99
72) Carbazole	11.45	167	669687	43.580	ng		99
73) Di-n-butylphthalate	11.79	149	948220	53.601	ng		99
74) Fluoranthene	12.42	202	716669	44.040	ng		97
76) Benzidine	12.55	184	530646	69.219	ng		99
77) Pyrene	12.65	202	709457	46.557	ng		100
79) Butylbenzylphthalate	13.27	149	329767	50.866	ng		95
80) Benzo(a)anthracene	13.83	228	625478	48.838	ng		99
81) 3,3'-Dichlorobenzidine	13.80	252	251374	51.646	ng	#	97
82) Chrysene	13.87	228	625836	49.303	ng		99
83) Bis(2-ethylhexyl)phthalate	13.84	149	414840	50.737	ng		100
84) Di-n-octyl phthalate	14.44	149	792731	56.705	ng		98
85) Indeno(1,2,3-cd)pyrene	16.59	276	472798	45.951	ng	#	93
87) Benzo(b)fluoranthene	14.87	252	529933	49.163	ng		98
88) Benzo(k)fluoranthene	14.87	252	529933	51.810	ng		98
89) Benzo(a)pyrene	15.19	252	519241	53.459	ng		98
90) Dibenzo(a,h)anthracene	16.61	278	402385	50.498	ng	#	93
91) Benzo(g,h,i)perylene	17.00	276	384192	49.058	ng	#	92

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

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