Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022219\
Data File : BF112666.D
Acq On : 22 Feb 2019 16:08
Operator : JU/SJ
Sample : PB117296BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB117296BSD

Manual Integrations APPROVED
Sohil
2/25/2019 9:21:01 AM

Quant Time: Feb 23 00:27:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	77769	20.00	ng		-0.03
21) Naphthalene-d8	8.10	136	308660	20.00	ng		-0.03
39) Acenaphthene-d10	9.85	164	153831	20.00	ng		-0.04
64) Phenanthrene-d10	11.34	188	313342	20.00	ng		-0.03
76) Chrysene-d12	13.98	240	237845	20.00	ng		-0.03
87) Perylene-d12	15.45	264	175858	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	356943	97.49	ng		-0.03
7) Phenol-d6	6.47	99	450258	88.50	ng		-0.02
23) Nitrobenzene-d5	7.39	82	447466	83.53	ng		-0.02
42) 2,4,6-Tribromophenol	10.65	330	155445	86.81	ng		-0.04
45) 2-Fluorobiphenyl	9.17	172	917252	84.33	ng		-0.04
79) Terphenyl-d14	12.92	244	1159226	91.80	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	72010	49.372	ng		94
3) Pyridine	3.32	79	183948	49.580	ng		96
4) n-Nitrosodimethylamine	3.28	42	89753	57.580	ng	#	87
6) Aniline	6.48	93	303353	50.124	ng	#	77
8) 2-Chlorophenol	6.61	128	223676	45.412	ng		99
9) Benzaldehyde	6.37	77	100010	37.609	ng		98
10) Phenol	6.48	94	258629	46.335	ng	#	75
11) bis(2-Chloroethyl)ether	6.55	93	186805	42.510	ng		94
12) 1,3-Dichlorobenzene	6.76	146	243612	42.470	ng		99
13) 1,4-Dichlorobenzene	6.83	146	248399	42.077	ng		99
14) 1,2-Dichlorobenzene	6.99	146	233921	42.322	ng		96
15) Benzyl Alcohol	6.97	79	188871	44.039	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.09	45	224863	39.854	ng	#	8
17) 2-Methylphenol	7.09	107	173344	44.396	ng	#	85
18) Hexachloroethane	7.32	117	88871	42.870	ng		95
19) n-Nitroso-di-n-propylamine	7.23	70	152218	43.390	ng		99
20) 3+4-Methylphenols	7.25	107	236052	47.277	ng	#	67
22) Acetophenone	7.23	105	314917	41.900	ng	#	94
24) Nitrobenzene	7.40	77	228305	42.674	ng		99
25) Isophorone	7.64	82	406718	48.397	ng		99
26) 2-Nitrophenol	7.72	139	126014	44.075	ng	#	91
27) 2,4-Dimethylphenol	7.76	122	187420	47.579	ng		92
28) bis(2-Chloroethoxy)methane	7.85	93	244232	42.682	ng		99
29) 2,4-Dichlorophenol	7.97	162	189903	43.080	ng		98
30) 1,2,4-Trichlorobenzene	8.05	180	205658	40.587	ng		99
31) Naphthalene	8.12	128	653183	45.252	ng		99
32) Benzoic acid	7.93	122	105838	47.103	ng		97
33) 4-Chloroaniline	8.17	127	276404	43.978	ng		96
34) Hexachlorobutadiene	8.23	225	116516	39.186	ng		99
35) Caprolactam	8.55	113	59378m	38.183	ng		
36) 4-Chloro-3-methylphenol	8.67	107	205758	44.092	ng		97
37) 2-Methylnaphthalene	8.81	142	461472	46.701	ng		95
38) 1-Methylnaphthalene	8.91	142	435401	45.971	ng		97
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	205978	40.781	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	97927	54.584	ng		93
43) 2,4,6-Trichlorophenol	9.10	196	126092	40.500	ng		97
44) 2,4,5-Trichlorophenol	9.16	196	129761	39.879	ng		95
46) 1,1'-Biphenyl	9.27	154	564527	41.977	ng		98
47) 2-Chloronaphthalene	9.30	162	434719	41.684	ng		97
48) 2-Nitroaniline	9.41	65	128441	45.186	ng		95
49) Acenaphthylene	9.72	152	693385	45.362	ng		99
50) Dimethylphthalate	9.57	163	513088	42.929	ng		98
51) 2,6-Dinitrotoluene	9.65	165	113858	42.536	ng	#	66
52) Acenaphthene	9.89	154	404373	44.285	ng		99
53) 3-Nitroaniline	9.82	138	128280	44.235	ng		89
54) 2,4-Dinitrophenol	9.95	184	81419	94.778	ng		95
55) Dibenzofuran	10.06	168	609827	43.703	ng	#	90
56) 4-Nitrophenol	10.02	139	80407	52.445	ng		88
57) 2,4-Dinitrotoluene	10.06	165	160883	47.211	ng	#	74
58) Fluorene	10.40	166	505403	48.400	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.19	232	107623	43.768	ng	#	90
60) Diethylphthalate	10.27	149	532519	44.897	ng		97
61) 4-Chlorophenyl-phenylether	10.39	204	238747	42.031	ng		91
62) 4-Nitroaniline	10.45	138	118780	41.759	ng		89
63) Azobenzene	10.55	77	470399	45.094	ng		96
65) 4,6-Dinitro-2-methylphenol	10.48	198	64967	36.980	ng		89
66) n-Nitrosodiphenylamine	10.51	169	439408	41.609	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	145640	39.519	ng		96
68) Hexachlorobenzene	10.96	284	158793	40.161	ng		94
69) Atrazine	11.03	200	132881	38.996	ng		95
70) Pentachlorophenol	11.16	266	84783	55.108	ng		98
71) Phenanthrene	11.36	178	726650	44.607	ng		98
72) Anthracene	11.42	178	756504	46.620	ng		99
73) Carbazole	11.57	167	672729	42.028	ng		99
74) Di-n-butylphthalate	11.89	149	850022	42.783	ng		98
75) Fluoranthene	12.56	202	767807	43.945	ng		96
77) Benzidine	12.67	184	656480	100.282	ng		96
78) Pyrene	12.79	202	773175	46.953	ng		98
80) Butylbenzylphthalate	13.38	149	353799	44.408	ng		96
81) Benzo(a)anthracene	13.97	228	627805	44.902	ng		98
82) 3,3'-Dichlorobenzidine	13.93	252	213679	40.836	ng		98
83) Chrysene	14.01	228	591987	44.356	ng		98
84) Bis(2-ethylhexyl)phthalate	13.93	149	471979	41.735	ng		97
85) Di-n-octyl phthalate	14.54	149	726182	41.736	ng		98
86) Indeno(1,2,3-cd)pyrene	16.94	276	439433	41.553	ng		96
88) Benzo(b)fluoranthene	15.02	252	487073	46.312	ng		99
89) Benzo(k)fluoranthene	15.04	252	469761	46.632	ng		98
90) Benzo(a)pyrene	15.39	252	443724	46.889	ng		99
91) Dibenzo(a,h)anthracene	16.93	278	360934	47.324	ng		98
92) Benzo(g,h,i)perylene	17.38	276	356595	49.558	ng		97

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

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