Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012919\
Data File : BF112290.D
Acq On : 29 Jan 2019 12:57
Operator : JU/SJ
Sample : PB116683BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB116683BS

Quant Time: Jan 30 00:05:51 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	6.84	152	158286	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	599827	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	284239	20.00	ng		-0.01
64) Phenanthrene-d10	11.36	188	515178	20.00	ng		0.00
76) Chrysene-d12	14.00	240	334075	20.00	ng		0.00
87) Perylene-d12	15.46	264	311224	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1131588	151.85	ng		0.00
7) Phenol-d6	6.49	99	1349306	130.31	ng		0.00
23) Nitrobenzene-d5	7.40	82	801414	76.98	ng		-0.01
42) 2,4,6-Tribromophenol	10.67	330	398986	120.60	ng		-0.01
45) 2-Fluorobiphenyl	9.20	172	1613543	80.29	ng		0.00
79) Terphenyl-d14	12.94	244	1508077	85.02	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	150074	50.554	ng		97
3) Pyridine	3.43	79	393444	52.103	ng		99
4) n-Nitrosodimethylamine	3.37	42	172781	54.461	ng		98
6) Aniline	6.50	93	325846	26.453	ng	#	38
8) 2-Chlorophenol	6.63	128	397034	39.605	ng		99
9) Benzaldehyde	6.39	77	90724	16.763	ng		99
10) Phenol	6.50	94	450417	39.647	ng		92
11) bis(2-Chloroethyl)ether	6.57	93	364767	40.783	ng		96
12) 1,3-Dichlorobenzene	6.78	146	450421	38.580	ng		99
13) 1,4-Dichlorobenzene	6.86	146	456695	38.009	ng		99
14) 1,2-Dichlorobenzene	7.01	146	426602	37.921	ng		96
15) Benzyl Alcohol	6.98	79	323130	37.018	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.11	45	445377	38.783	ng		57
17) 2-Methylphenol	7.10	107	304966	38.375	ng	#	93
18) Hexachloroethane	7.35	117	163733	38.805	ng		95
19) n-Nitroso-di-n-propylamine	7.25	70	260899	36.539	ng		96
20) 3+4-Methylphenols	7.26	107	398080	39.172	ng	#	65
22) Acetophenone	7.25	105	531106	36.363	ng		95
24) Nitrobenzene	7.42	77	394180	37.914	ng		100
25) Isophorone	7.66	82	688707	42.171	ng		99
26) 2-Nitrophenol	7.74	139	214770	38.655	ng		98
27) 2,4-Dimethylphenol	7.78	122	331703	43.331	ng		96
28) bis(2-Chloroethoxy)methane	7.86	93	441134	39.670	ng		98
29) 2,4-Dichlorophenol	7.99	162	331780	38.730	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	378489	38.437	ng		99
31) Naphthalene	8.15	128	1141801	40.705	ng		98
32) Benzoic acid	7.91	122	149831	34.313	ng		99
33) 4-Chloroaniline	8.19	127	250233	20.488	ng		99
34) Hexachlorobutadiene	8.26	225	209137	36.193	ng		100
35) Caprolactam	8.56	113	96621	31.972	ng		99
36) 4-Chloro-3-methylphenol	8.69	107	326121	35.961	ng		99
37) 2-Methylnaphthalene	8.83	142	795992	41.452	ng		98
38) 1-Methylnaphthalene	8.93	142	743743	40.409	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	360886	38.670	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	229385	66.653	ng		98
43) 2,4,6-Trichlorophenol	9.12	196	223387	38.832	ng		99
44) 2,4,5-Trichlorophenol	9.17	196	233301	38.804	ng		99
46) 1,1'-Biphenyl	9.30	154	950836	38.264	ng		99
47) 2-Chloronaphthalene	9.32	162	740277	38.416	ng		96
48) 2-Nitroaniline	9.42	65	191642	36.488	ng		96
49) Acenaphthylene	9.74	152	1148162	40.652	ng		98
50) Dimethylphthalate	9.59	163	815199	36.914	ng		99
51) 2,6-Dinitrotoluene	9.66	165	184672	37.338	ng	#	86
52) Acenaphthene	9.91	154	657701	38.982	ng		99
53) 3-Nitroaniline	9.83	138	117765	21.978	ng		89
54) 2,4-Dinitrophenol	9.95	184	85299	53.739	ng		94
55) Dibenzofuran	10.08	168	983214	38.134	ng		96
56) 4-Nitrophenol	10.01	139	194698	68.728	ng		93
57) 2,4-Dinitrotoluene	10.07	165	236078	37.493	ng		94
58) Fluorene	10.42	166	788447	40.864	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.21	232	180329	39.689	ng		97
60) Diethylphthalate	10.29	149	804343	36.702	ng		98
61) 4-Chlorophenyl-phenylether	10.41	204	381067	36.308	ng		92
62) 4-Nitroaniline	10.45	138	166197	31.622	ng		96
63) Azobenzene	10.57	77	711775	36.928	ng		97
65) 4,6-Dinitro-2-methylphenol	10.48	198	79748	27.610	ng		90
66) n-Nitrosodiphenylamine	10.53	169	669812	38.577	ng		98
67) 4-Bromophenyl-phenylether	10.90	248	232752	38.413	ng		91
68) Hexachlorobenzene	10.98	284	246143	37.863	ng		97
69) Atrazine	11.06	200	208188	37.160	ng		97
70) Pentachlorophenol	11.17	266	152488	60.284	ng		99
71) Phenanthrene	11.39	178	1076957	40.210	ng		98
72) Anthracene	11.44	178	1119202	41.950	ng		99
73) Carbazole	11.59	167	912108	34.658	ng		99
74) Di-n-butylphthalate	11.92	149	1188499	36.383	ng		99
75) Fluoranthene	12.57	202	1025628	35.703	ng		99
77) Benzidine	12.69	184	222266	24.173	ng		98
78) Pyrene	12.80	202	1022433	44.205	ng		98
80) Butylbenzylphthalate	13.41	149	430134	38.438	ng		95
81) Benzo(a)anthracene	13.99	228	784982	39.971	ng		98
82) 3,3'-Dichlorobenzidine	13.95	252	223646	30.429	ng		98
83) Chrysene	14.03	228	730395	38.962	ng		98
84) Bis(2-ethylhexyl)phthalate	13.97	149	590669	37.185	ng	#	98
85) Di-n-octyl phthalate	14.58	149	901751	36.898	ng		98
86) Indeno(1,2,3-cd)pyrene	16.94	276	896049	60.323	ng		97
88) Benzo(b)fluoranthene	15.04	252	779905	41.902	ng		100
89) Benzo(k)fluoranthene	15.07	252	655864	36.788	ng		98
90) Benzo(a)pyrene	15.41	252	707682	42.256	ng		99
91) Dibenzo(a,h)anthracene	16.95	278	753588	55.831	ng		99
92) Benzo(g,h,i)perylene	17.39	276	779125	61.183	ng		97

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

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