Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
Data File : BF114151.D
Acq On : 11 May 2019 12:30
Operator : JU/SJ
Sample : PB119622BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB119622BSD

Manual Integrations APPROVED
Sohil
5/13/2019 8:35:49 PM

Quant Time: May 13 07:30:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	308228	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	1193897	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	560913	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	1108398	20.00	ng		0.00
76) Chrysene-d12	14.01	240	891453	20.00	ng		-0.01
87) Perylene-d12	15.47	264	874196	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	2091919	109.22	ng		0.01
7) Phenol-d6	6.50	99	2734836	120.73	ng		0.00
23) Nitrobenzene-d5	7.42	82	1559540	73.31	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	701059	120.90	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	2716503	73.26	ng		0.00
79) Terphenyl-d14	12.95	244	2834241	65.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	382451	36.328	ng		99
3) Pyridine	3.47	79	956293	32.968	ng		97
4) n-Nitrosodimethylamine	3.42	42	484791	34.659	ng		98
6) Aniline	6.52	93	924821	28.262	ng		99
8) 2-Chlorophenol	6.65	128	859870	42.053	ng		93
9) Benzaldehyde	6.40	77	128244	8.087	ng		98
10) Phenol	6.50	94	1043479	39.157	ng		98
11) bis(2-Chloroethyl)ether	6.59	93	843741	41.705	ng		99
12) 1,3-Dichlorobenzene	6.79	146	893275	38.919	ng		98
13) 1,4-Dichlorobenzene	6.87	146	898844	38.863	ng		97
14) 1,2-Dichlorobenzene	7.02	146	845523	40.015	ng		99
15) Benzyl Alcohol	6.99	79	739910	41.878	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1592676	40.601	ng		99
17) 2-Methylphenol	7.11	107	698602	41.592	ng		99
18) Hexachloroethane	7.36	117	336510	38.762	ng		98
19) n-Nitroso-di-n-propylamine	7.26	70	585883	40.803	ng		97
20) 3+4-Methylphenols	7.26	107	814244	41.958	ng	#	87
22) Acetophenone	7.26	105	1112245	42.053	ng		99
24) Nitrobenzene	7.43	77	911980	42.089	ng		95
25) Isophorone	7.67	82	1667329	42.259	ng		99
26) 2-Nitrophenol	7.75	139	472620	44.958	ng		96
27) 2,4-Dimethylphenol	7.79	122	779241	47.196	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	1066458	41.659	ng		100
29) 2,4-Dichlorophenol	7.99	162	705498	42.912	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	756681	40.475	ng		99
31) Naphthalene	8.16	128	2396142	42.966	ng		99
32) Benzoic acid	7.93	122	522428	44.907	ng		97
33) 4-Chloroaniline	8.20	127	669398	26.340	ng		99
34) Hexachlorobutadiene	8.27	225	428042	40.240	ng		97
35) Caprolactam	8.57	113	249923m	46.620	ng		
36) 4-Chloro-3-methylphenol	8.69	107	752947	45.498	ng		96
37) 2-Methylnaphthalene	8.85	142	1629123	45.277	ng		98
38) 1-Methylnaphthalene	8.95	142	1532676	45.232	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	708095	41.674	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	673748	84.837 ng	98
43) 2,4,6-Trichlorophenol	9.13	196	490220	41.945 ng	98
44) 2,4,5-Trichlorophenol	9.17	196	527355	43.999 ng	99
46) 1,1'-Biphenyl	9.31	154	1961863	43.295 ng	99
47) 2-Chloronaphthalene	9.33	162	1508902	41.376 ng	99
48) 2-Nitroaniline	9.43	65	509441	39.389 ng	96
49) Acenaphthylene	9.75	152	2383246	42.968 ng	100
50) Dimethylphthalate	9.61	163	1708122	41.483 ng	99
51) 2,6-Dinitrotoluene	9.67	165	397029	43.473 ng	96
52) Acenaphthene	9.92	154	1411162	41.460 ng	99
53) 3-Nitroaniline	9.84	138	317573	28.012 ng	94
54) 2,4-Dinitrophenol	9.95	184	407065	87.912 ng	96
55) Dibenzofuran	10.09	168	2076705	41.609 ng	98
56) 4-Nitrophenol	10.01	139	657854	82.053 ng	98
57) 2,4-Dinitrotoluene	10.07	165	524501	42.312 ng	95
58) Fluorene	10.44	166	1605660	41.651 ng	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	440533	42.598 ng	99
60) Diethylphthalate	10.31	149	1697358	40.570 ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	780906	41.243 ng	98
62) 4-Nitroaniline	10.46	138	450818	37.842 ng	96
63) Azobenzene	10.59	77	1703282	42.060 ng	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	252145	47.342 ng	85
66) n-Nitrosodiphenylamine	10.55	169	1468161	43.643 ng	100
67) 4-Bromophenyl-phenylether	10.92	248	502551	41.179 ng	96
68) Hexachlorobenzene	10.99	284	542379	40.174 ng	99
69) Atrazine	11.07	200	436903	41.734 ng	99
70) Pentachlorophenol	11.18	266	563279	88.013 ng	98
71) Phenanthrene	11.40	178	2290802	42.481 ng	100
72) Anthracene	11.45	178	2377450	43.894 ng	100
73) Carbazole	11.60	167	2244850	43.463 ng	99
74) Di-n-butylphthalate	11.93	149	2598726	43.673 ng	99
75) Fluoranthene	12.59	202	2493103	42.933 ng	99
77) Benzidine	12.70	184	1465160	36.614 ng	97
78) Pyrene	12.82	202	2525421	35.216 ng	99
80) Butylbenzylphthalate	13.42	149	1161576	38.482 ng	94
81) Benzo(a)anthracene	14.00	228	2113676	36.658 ng	98
82) 3,3'-Dichlorobenzidine	13.96	252	583115	26.070 ng	99
83) Chrysene	14.04	228	2144979	37.950 ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1506990	38.173 ng	99
85) Di-n-octyl phthalate	14.60	149	2582315	40.351 ng	100
86) Indeno(1,2,3-cd)pyrene	16.94	276	2119441	42.429 ng	98
88) Benzo(b)fluoranthene	15.05	252	2413241	43.089 ng	98
89) Benzo(k)fluoranthene	15.08	252	1977989	38.447 ng	99
90) Benzo(a)pyrene	15.42	252	2145813	43.535 ng	99
91) Dibenzo(a,h)anthracene	16.96	278	1737138	42.413 ng	99
92) Benzo(g,h,i)perylene	17.39	276	1737212	42.324 ng	99

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

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