Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042619\
Data File : BF114002.D
Acq On : 26 Apr 2019 11:47
Operator : JU/SJ
Sample : PB119139BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB119139BSD

Manual Integrations APPROVED
Sohil
4/27/2019 2:36:39 AM

Quant Time: Apr 27 00:22:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	212242	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	869882	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	470761	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	943610	20.00	ng		0.00
76) Chrysene-d12	14.07	240	738281	20.00	ng		0.00
87) Perylene-d12	15.57	264	449334	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	1542290	124.29	ng		0.03
7) Phenol-d6	6.55	99	1989191	127.77	ng		0.02
23) Nitrobenzene-d5	7.46	82	1133003	80.42	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	701082	122.25	ng		0.01
45) 2-Fluorobiphenyl	9.26	172	2204120	73.23	ng		0.00
79) Terphenyl-d14	13.01	244	2601131	72.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.81	88	221827	37.922	ng		96
3) Pyridine	3.57	79	408869	25.608	ng		95
4) n-Nitrosodimethylamine	3.51	42	198988	36.407	ng		94
6) Aniline	6.57	93	586219	27.421	ng		98
8) 2-Chlorophenol	6.69	128	603561	42.601	ng		100
9) Benzaldehyde	6.45	77	30685	Below Cal			99
10) Phenol	6.56	94	739722	39.734	ng		89
11) bis(2-Chloroethyl)ether	6.64	93	584042	41.689	ng		99
12) 1,3-Dichlorobenzene	6.85	146	625429	38.978	ng		98
13) 1,4-Dichlorobenzene	6.92	146	638121	39.539	ng		98
14) 1,2-Dichlorobenzene	7.07	146	601980	40.586	ng		99
15) Benzyl Alcohol	7.05	79	513091	48.933	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	660771	40.405	ng		90
17) 2-Methylphenol	7.16	107	547805	44.111	ng		96
18) Hexachloroethane	7.42	117	228157	40.328	ng		99
19) n-Nitroso-di-n-propylamine	7.32	70	430097	42.659	ng		99
20) 3+4-Methylphenols	7.31	107	618827	44.104	ng	#	84
22) Acetophenone	7.31	105	843578	43.578	ng	#	88
24) Nitrobenzene	7.48	77	666077	42.787	ng		99
25) Isophorone	7.72	82	1231283	42.712	ng		99
26) 2-Nitrophenol	7.80	139	348531	49.076	ng		99
27) 2,4-Dimethylphenol	7.83	122	587530	50.777	ng		98
28) bis(2-Chloroethoxy)methane	7.93	93	767831	41.799	ng		100
29) 2,4-Dichlorophenol	8.05	162	583078	44.067	ng		96
30) 1,2,4-Trichlorobenzene	8.12	180	625146	42.373	ng		99
31) Naphthalene	8.20	128	1747694	42.292	ng		99
32) Benzoic acid	7.99	122	429912	55.018	ng		98
33) 4-Chloroaniline	8.25	127	502907	28.761	ng		99
34) Hexachlorobutadiene	8.32	225	373861	40.650	ng		99
35) Caprolactam	8.65	113	194295m	46.161	ng		
36) 4-Chloro-3-methylphenol	8.74	107	581541	44.362	ng		99
37) 2-Methylnaphthalene	8.90	142	1212126	43.498	ng		98
38) 1-Methylnaphthalene	9.00	142	1148731	42.710	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	619970	40.543	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	566751	66.463	ng		99
43) 2,4,6-Trichlorophenol	9.17	196	448788	46.218	ng		99
44) 2,4,5-Trichlorophenol	9.23	196	465693	42.758	ng		99
46) 1,1'-Biphenyl	9.36	154	1486894	41.345	ng		98
47) 2-Chloronaphthalene	9.39	162	1217209	41.620	ng		97
48) 2-Nitroaniline	9.48	65	355051	46.311	ng		91
49) Acenaphthylene	9.80	152	1824410	39.848	ng		100
50) Dimethylphthalate	9.66	163	1477219	43.389	ng		100
51) 2,6-Dinitrotoluene	9.72	165	336603	46.084	ng		94
52) Acenaphthene	9.97	154	1130218	41.771	ng		98
53) 3-Nitroaniline	9.89	138	251922	32.822	ng		91
54) 2,4-Dinitrophenol	10.00	184	362379	111.065	ng	#	1
55) Dibenzofuran	10.15	168	1664806	41.075	ng		97
56) 4-Nitrophenol	10.06	139	553566	91.089	ng		94
57) 2,4-Dinitrotoluene	10.13	165	458186	49.698	ng		95
58) Fluorene	10.49	166	1257968	41.225	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	425998	44.508	ng		98
60) Diethylphthalate	10.36	149	1409316	43.590	ng		99
61) 4-Chlorophenyl-phenylether	10.48	204	663986	41.087	ng		100
62) 4-Nitroaniline	10.52	138	337201	45.019	ng		96
63) Azobenzene	10.64	77	1273337	40.636	ng		96
65) 4,6-Dinitro-2-methylphenol	10.54	198	228648	52.126	ng		95
66) n-Nitrosodiphenylamine	10.60	169	1182473	41.764	ng		100
67) 4-Bromophenyl-phenylether	10.97	248	452104	39.661	ng		97
68) Hexachlorobenzene	11.04	284	503435	40.189	ng		96
69) Atrazine	11.13	200	351964	38.214	ng		99
70) Pentachlorophenol	11.23	266	596097	84.048	ng		98
71) Phenanthrene	11.45	178	1935334	40.811	ng		100
72) Anthracene	11.50	178	1946348	40.644	ng		99
73) Carbazole	11.65	167	1778835	41.636	ng		98
74) Di-n-butylphthalate	11.98	149	2088989	41.566	ng		99
75) Fluoranthene	12.64	202	2042984	39.487	ng		99
77) Benzidine	12.75	184	393329	17.881	ng		98
78) Pyrene	12.87	202	2051358	39.733	ng		99
80) Butylbenzylphthalate	13.48	149	874313	43.041	ng		97
81) Benzo(a)anthracene	14.06	228	1753055	40.302	ng		99
82) 3,3'-Dichlorobenzidine	14.02	252	601537	37.730	ng	#	98
83) Chrysene	14.10	228	1717398	40.540	ng		100
84) Bis(2-ethylhexyl)phthalate	14.04	149	1170453	45.287	ng		100
85) Di-n-octyl phthalate	14.68	149	1838236	45.441	ng		99
86) Indeno(1,2,3-cd)pyrene	17.07	276	1450642	36.151	ng		98
88) Benzo(b)fluoranthene	15.14	252	1564705	55.039	ng		99
89) Benzo(k)fluoranthene	15.17	252	1451886	59.372	ng		99
90) Benzo(a)pyrene	15.51	252	1360494	55.328	ng		99
91) Dibenzo(a,h)anthracene	17.10	278	1213003	52.550	ng		99
92) Benzo(g,h,i)perylene	17.53	276	1238761	53.178	ng		98

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

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