Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
Data File : BF114387.D
Acq On : 18 May 2019 13:32
Operator : JU/SJ
Sample : PB119788BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB119788BS

Manual Integrations APPROVED
Sohil
5/21/2019 7:17:12 PM

Quant Time: May 20 05:05:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 04:47:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	236475	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	899824	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	437657	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	885875	20.00	ng		0.00
76) Chrysene-d12	14.00	240	599068	20.00	ng		0.00
87) Perylene-d12	15.46	264	596192	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1536721	104.58	ng		0.01
7) Phenol-d6	6.49	99	2005344	115.38	ng		0.00
23) Nitrobenzene-d5	7.40	82	1260228	78.60	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	517828	114.45	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	2244792	77.59	ng		0.00
79) Terphenyl-d14	12.94	244	2364723	81.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	221545	27.429	ng		98
3) Pyridine	3.42	79	608942	27.363	ng		95
4) n-Nitrosodimethylamine	3.36	42	332786	31.010	ng		96
6) Aniline	6.50	93	414913	16.527	ng	#	1
8) 2-Chlorophenol	6.63	128	602904	38.433	ng		93
9) Benzaldehyde	6.39	77	250578	20.595	ng		97
10) Phenol	6.50	94	725798	35.500	ng		93
11) bis(2-Chloroethyl)ether	6.57	93	595481	38.365	ng		96
12) 1,3-Dichlorobenzene	6.78	146	619235	35.166	ng		99
13) 1,4-Dichlorobenzene	6.85	146	619649	34.921	ng		98
14) 1,2-Dichlorobenzene	7.01	146	581176	35.850	ng		98
15) Benzyl Alcohol	6.99	79	499562	36.854	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1077005	35.786	ng		64
17) 2-Methylphenol	7.10	107	482152	37.415	ng	#	90
18) Hexachloroethane	7.35	117	231942	34.823	ng		97
19) n-Nitroso-di-n-propylamine	7.25	70	419911	38.118	ng		99
20) 3+4-Methylphenols	7.26	107	632622	42.490	ng	#	61
22) Acetophenone	7.25	105	802885	40.277	ng	#	90
24) Nitrobenzene	7.42	77	642317	39.332	ng		94
25) Isophorone	7.66	82	1190095	40.021	ng		99
26) 2-Nitrophenol	7.73	139	336733	42.500	ng		97
27) 2,4-Dimethylphenol	7.78	122	555547	44.644	ng		98
28) bis(2-Chloroethoxy)methane	7.86	93	755938	39.180	ng		99
29) 2,4-Dichlorophenol	7.99	162	516806	41.708	ng		96
30) 1,2,4-Trichlorobenzene	8.06	180	531194	37.699	ng		98
31) Naphthalene	8.14	128	1696023	40.351	ng		99
32) Benzoic acid	7.90	122	162808	22.686	ng		99
33) 4-Chloroaniline	8.19	127	237981	12.425	ng		97
34) Hexachlorobutadiene	8.25	225	289676	36.132	ng		97
35) Caprolactam	8.56	113	184291m	45.612	ng		
36) 4-Chloro-3-methylphenol	8.69	107	550435	44.131	ng		98
37) 2-Methylnaphthalene	8.83	142	1162747	42.876	ng		98
38) 1-Methylnaphthalene	8.93	142	1097603	42.978	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	524539	39.565	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	316978	52.870	ng		98
43) 2,4,6-Trichlorophenol	9.12	196	356201	39.062	ng		99
44) 2,4,5-Trichlorophenol	9.16	196	378148	40.436	ng		98
46) 1,1'-Biphenyl	9.29	154	1423300	40.255	ng		99
47) 2-Chloronaphthalene	9.32	162	1090180	38.313	ng		99
48) 2-Nitroaniline	9.42	65	392110	38.856	ng		97
49) Acenaphthylene	9.73	152	1740416	40.215	ng		99
50) Dimethylphthalate	9.59	163	1317845	41.018	ng		100
51) 2,6-Dinitrotoluene	9.66	165	296176	41.563	ng		98
52) Acenaphthene	9.90	154	1015664	38.244	ng		99
53) 3-Nitroaniline	9.83	138	198265	22.413	ng		100
54) 2,4-Dinitrophenol	9.95	184	144644	43.709	ng		99
55) Dibenzofuran	10.07	168	1510817	38.796	ng		99
56) 4-Nitrophenol	10.01	139	361790	57.834	ng		98
57) 2,4-Dinitrotoluene	10.07	165	377043	38.983	ng	#	90
58) Fluorene	10.42	166	1219754	40.551	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	310546	38.485	ng		99
60) Diethylphthalate	10.29	149	1341642	41.099	ng		99
61) 4-Chlorophenyl-phenylether	10.40	204	590669	39.982	ng		98
62) 4-Nitroaniline	10.45	138	332842	35.808	ng		97
63) Azobenzene	10.57	77	1279002	40.477	ng		99
65) 4,6-Dinitro-2-methylphenol	10.48	198	137305	32.256	ng		84
66) n-Nitrosodiphenylamine	10.53	169	1116585	41.530	ng		98
67) 4-Bromophenyl-phenylether	10.90	248	388167	39.796	ng		94
68) Hexachlorobenzene	10.97	284	413986	38.366	ng		94
69) Atrazine	11.06	200	355016	42.431	ng		98
70) Pentachlorophenol	11.17	266	275168	53.795	ng		98
71) Phenanthrene	11.38	178	1773449	41.148	ng		98
72) Anthracene	11.43	178	1840164	42.509	ng		99
73) Carbazole	11.59	167	1700629	41.197	ng		99
74) Di-n-butylphthalate	11.91	149	2176936	45.774	ng		99
75) Fluoranthene	12.57	202	1924034	41.455	ng		97
77) Benzidine	12.69	184	383384	14.257	ng		97
78) Pyrene	12.80	202	1938730	40.229	ng		99
80) Butylbenzylphthalate	13.40	149	945828	46.628	ng		95
81) Benzo(a)anthracene	13.99	228	1578068	40.727	ng		100
82) 3,3'-Dichlorobenzidine	13.94	252	382914	25.475	ng		99
83) Chrysene	14.03	228	1573013	41.413	ng		98
84) Bis(2-ethylhexyl)phthalate	13.96	149	1344661	50.686	ng		99
85) Di-n-octyl phthalate	14.58	149	2144598	49.867	ng		100
86) Indeno(1,2,3-cd)pyrene	16.95	276	1546300	46.063	ng		98
88) Benzo(b)fluoranthene	15.04	252	1628635	42.639	ng		100
89) Benzo(k)fluoranthene	15.07	252	1387505	39.545	ng		99
90) Benzo(a)pyrene	15.41	252	1470455	43.744	ng		98
91) Dibenzo(a,h)anthracene	16.95	278	1288599	46.132	ng		99
92) Benzo(g,h,i)perylene	17.39	276	1340111	47.874	ng		99

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

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