Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112111.D
Acq On : 18 Jan 2019 2:02
Operator : JU/SJ
Sample : PB116445BSD
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB116445BSD

Manual Integrations APPROVED
Sohil
1/18/2019 11:46:02 AM

Quant Time: Jan 18 03:28:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 16 18:22:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	322506	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	1195870	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	554797	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	880858	20.00	ng		0.00
76) Chrysene-d12	14.03	240	666863	20.00	ng		0.00
87) Perylene-d12	15.50	264	530317	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1314295	73.97	ng		0.00
7) Phenol-d6	6.50	99	1642091	73.86	ng		0.00
23) Nitrobenzene-d5	7.42	82	1476567	85.31	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	416093	69.52	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	2812428	74.32	ng		0.00
79) Terphenyl-d14	12.97	244	2068926	66.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	241850	29.021	ng		99
3) Pyridine	3.45	79	668529	32.030	ng		99
4) n-Nitrosodimethylamine	3.39	42	322424	38.047	ng		98
6) Aniline	6.52	93	265130	9.805	ng	#	1
8) 2-Chlorophenol	6.65	128	750217	36.354	ng		96
9) Benzaldehyde	6.40	77	205707	13.267	ng		100
10) Phenol	6.52	94	845831	34.813	ng		79
11) bis(2-Chloroethyl)ether	6.59	93	670251	34.695	ng		98
12) 1,3-Dichlorobenzene	6.80	146	806088	34.228	ng		99
13) 1,4-Dichlorobenzene	6.88	146	819707	34.027	ng		100
14) 1,2-Dichlorobenzene	7.03	146	765681	34.506	ng		98
15) Benzyl Alcohol	7.00	79	598467	36.133	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.13	45	941159	33.784	ng		82
17) 2-Methylphenol	7.12	107	581752	37.538	ng		98
18) Hexachloroethane	7.37	117	255460	31.773	ng		94
19) n-Nitroso-di-n-propylamine	7.27	70	491935	36.323	ng		97
20) 3+4-Methylphenols	7.28	107	737689	39.258	ng	#	60
22) Acetophenone	7.27	105	948596	34.239	ng	#	97
24) Nitrobenzene	7.45	77	735522	40.095	ng		93
25) Isophorone	7.68	82	1313375	39.284	ng		99
26) 2-Nitrophenol	7.76	139	363783	39.721	ng		96
27) 2,4-Dimethylphenol	7.80	122	641740	41.352	ng		100
28) bis(2-Chloroethoxy)methane	7.89	93	853915	37.234	ng		100
29) 2,4-Dichlorophenol	8.01	162	634090	37.403	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	693853	35.267	ng		99
31) Naphthalene	8.17	128	2051868	37.724	ng		99
32) Benzoic acid	7.92	122	212688	34.565	ng		98
33) 4-Chloroaniline	8.21	127	160010	6.546	ng		96
34) Hexachlorobutadiene	8.29	225	366310	33.457	ng		98
35) Caprolactam	8.58	113	194247m	32.737	ng		
36) 4-Chloro-3-methylphenol	8.71	107	596112	36.001	ng		96
37) 2-Methylnaphthalene	8.86	142	1431692	38.763	ng		98
38) 1-Methylnaphthalene	8.96	142	1344597	37.880	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	659678	37.029	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	115308	22.467	ng		98
43) 2,4,6-Trichlorophenol	9.14	196	418774	39.294	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	440714	38.827	ng		99
46) 1,1'-Biphenyl	9.32	154	1708017	36.818	ng		99
47) 2-Chloronaphthalene	9.35	162	1322534	36.420	ng		98
48) 2-Nitroaniline	9.44	65	360215	44.040	ng		89
49) Acenaphthylene	9.76	152	2003015	37.799	ng		100
50) Dimethylphthalate	9.62	163	1550723	38.327	ng		99
51) 2,6-Dinitrotoluene	9.68	165	331694	41.051	ng	#	89
52) Acenaphthene	9.93	154	1161500	35.824	ng		99
53) 3-Nitroaniline	9.85	138	132294	14.641	ng		91
54) 2,4-Dinitrophenol	9.96	184	46194	31.076	ng		97
55) Dibenzofuran	10.10	168	1745757	35.605	ng		98
56) 4-Nitrophenol	10.03	139	403482	63.717	ng		96
57) 2,4-Dinitrotoluene	10.09	165	399368	39.410	ng		90
58) Fluorene	10.45	166	1322509	36.101	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.23	232	329740	38.497	ng		99
60) Diethylphthalate	10.32	149	1471198	37.250	ng		99
61) 4-Chlorophenyl-phenylether	10.44	204	684864	34.645	ng		98
62) 4-Nitroaniline	10.46	138	268695	29.948	ng		94
63) Azobenzene	10.60	77	1267147	33.503	ng		97
65) 4,6-Dinitro-2-methylphenol	10.50	198	51500	21.147	ng		96
66) n-Nitrosodiphenylamine	10.56	169	1194276	41.012	ng		99
67) 4-Bromophenyl-phenylether	10.93	248	401749	39.266	ng		97
68) Hexachlorobenzene	11.00	284	407715	36.993	ng		97
69) Atrazine	11.08	200	387864	41.276	ng		97
70) Pentachlorophenol	11.20	266	305902	59.426	ng		100
71) Phenanthrene	11.41	178	1708905	38.550	ng		99
72) Anthracene	11.46	178	1742996	38.814	ng		100
73) Carbazole	11.62	167	1534026	34.101	ng		99
74) Di-n-butylphthalate	11.94	149	2064158	40.792	ng		100
75) Fluoranthene	12.60	202	1644071	35.126	ng		99
77) Benzidine	12.72	184	680051	30.564	ng		96
78) Pyrene	12.83	202	1637840	37.226	ng		99
80) Butylbenzylphthalate	13.44	149	759754	39.362	ng		95
81) Benzo(a)anthracene	14.02	228	1502912	39.306	ng		99
82) 3,3'-Dichlorobenzidine	13.97	252	464419	32.433	ng		99
83) Chrysene	14.06	228	1389296	38.400	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	1098667	39.717	ng		99
85) Di-n-octyl phthalate	14.61	149	1794318	42.099	ng		99
86) Indeno(1,2,3-cd)pyrene	16.99	276	1046544	31.353	ng		100
88) Benzo(b)fluoranthene	15.07	252	1297811	43.112	ng		99
89) Benzo(k)fluoranthene	15.10	252	1172805	40.253	ng		99
90) Benzo(a)pyrene	15.44	252	1126877	40.819	ng		99
91) Dibenzo(a,h)anthracene	17.00	278	890353	36.312	ng		99
92) Benzo(g,h,i)perylene	17.43	276	839624	34.759	ng		99

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

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