Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
Data File : BF112767.D
Acq On : 28 Feb 2019 18:07
Operator : JU/SJ
Sample : PB117468BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB117468BS

Manual Integrations APPROVED
Sohil
3/1/2019 3:00:09 PM

Quant Time: Mar 01 06:27:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 27 16:08:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	189245	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	727209	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	333684	20.00	ng		0.00
64) Phenanthrene-d10	11.26	188	598490	20.00	ng		0.01
76) Chrysene-d12	13.88	240	355056	20.00	ng		0.00
87) Perylene-d12	15.29	264	397528	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1450994	119.27	ng		0.02
7) Phenol-d6	6.39	99	1831556	119.85	ng		0.02
23) Nitrobenzene-d5	7.30	82	980548	80.68	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	480585	135.66	ng		0.00
45) 2-Fluorobiphenyl	9.10	172	1744161	90.57	ng		0.00
79) Terphenyl-d14	12.84	244	1573118	85.89	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	208105	34.125	ng		98
3) Pyridine	3.25	79	559092	34.268	ng		98
4) n-Nitrosodimethylamine	3.16	42	251602	35.253	ng		99
6) Aniline	6.41	93	486564	23.130	ng		98
8) 2-Chlorophenol	6.53	128	494776	36.535	ng		97
9) Benzaldehyde	6.29	77	177624	16.131	ng		97
10) Phenol	6.40	94	610024	34.207	ng		91
11) bis(2-Chloroethyl)ether	6.49	93	496346	36.261	ng		94
12) 1,3-Dichlorobenzene	6.69	146	532299	38.049	ng		99
13) 1,4-Dichlorobenzene	6.76	146	543518	38.740	ng		99
14) 1,2-Dichlorobenzene	6.92	146	495364	38.515	ng		98
15) Benzyl Alcohol	6.89	79	436505	37.458	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	797836	34.927	ng		98
17) 2-Methylphenol	7.00	107	408533	37.185	ng		97
18) Hexachloroethane	7.26	117	201930	37.573	ng		93
19) n-Nitroso-di-n-propylamine	7.16	70	340704	35.201	ng		99
20) 3+4-Methylphenols	7.16	107	477462	38.494	ng		97
22) Acetophenone	7.15	105	666169	39.177	ng	#	98
24) Nitrobenzene	7.32	77	534980	39.551	ng		99
25) Isophorone	7.57	82	970322	37.061	ng		99
26) 2-Nitrophenol	7.65	139	267073	47.432	ng		97
27) 2,4-Dimethylphenol	7.69	122	444535	42.437	ng		99
28) bis(2-Chloroethoxy)methane	7.78	93	624239	38.135	ng		100
29) 2,4-Dichlorophenol	7.89	162	410037	40.364	ng		98
30) 1,2,4-Trichlorobenzene	7.97	180	451939	41.405	ng		98
31) Naphthalene	8.05	128	1440677	39.903	ng		99
32) Benzoic acid	7.80	122	170329m	23.199	ng		
33) 4-Chloroaniline	8.09	127	293832	19.215	ng		97
34) Hexachlorobutadiene	8.17	225	256168	41.614	ng		99
35) Caprolactam	8.47	113	127202m	35.552	ng		
36) 4-Chloro-3-methylphenol	8.58	107	426990	37.981	ng		98
37) 2-Methylnaphthalene	8.74	142	953742	40.906	ng		100
38) 1-Methylnaphthalene	8.84	142	897177	39.723	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.91	216	404801	41.601	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	492876	92.499	ng		96
43) 2,4,6-Trichlorophenol	9.02	196	290670	43.404	ng		99
44) 2,4,5-Trichlorophenol	9.06	196	302484	41.788	ng		99
46) 1,1'-Biphenyl	9.20	154	1121794	41.216	ng		99
47) 2-Chloronaphthalene	9.23	162	868175	40.851	ng		98
48) 2-Nitroaniline	9.32	65	270623	41.894	ng		98
49) Acenaphthylene	9.64	152	1393866	38.634	ng		99
50) Dimethylphthalate	9.50	163	972173	39.512	ng		99
51) 2,6-Dinitrotoluene	9.56	165	221723	43.275	ng		91
52) Acenaphthene	9.81	154	845039	40.052	ng		97
53) 3-Nitroaniline	9.72	138	163521	26.192	ng		94
54) 2,4-Dinitrophenol	9.83	184	109272	54.387	ng		97
55) Dibenzofuran	9.98	168	1203194	39.237	ng		99
56) 4-Nitrophenol	9.89	139	331441	65.322	ng		94
57) 2,4-Dinitrotoluene	9.96	165	289518	45.459	ng		86
58) Fluorene	10.32	166	861218	39.570	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	235885	39.114	ng		98
60) Diethylphthalate	10.20	149	979143	37.680	ng		99
61) 4-Chlorophenyl-phenylether	10.32	204	428984	42.364	ng		97
62) 4-Nitroaniline	10.33	138	200708	34.791	ng		96
63) Azobenzene	10.47	77	953459	35.822	ng		98
65) 4,6-Dinitro-2-methylphenol	10.37	198	91502	38.246	ng		87
66) n-Nitrosodiphenylamine	10.43	169	798673	41.610	ng		100
67) 4-Bromophenyl-phenylether	10.80	248	271403	43.053	ng		97
68) Hexachlorobenzene	10.87	284	307867	43.324	ng		94
69) Atrazine	10.96	200	233302	39.687	ng		100
70) Pentachlorophenol	11.06	266	270301	64.627	ng		98
71) Phenanthrene	11.28	178	1221736	41.029	ng		100
72) Anthracene	11.33	178	1238156	39.722	ng		98
73) Carbazole	11.48	167	1055946	34.727	ng		100
74) Di-n-butylphthalate	11.82	149	1397485	38.330	ng		100
75) Fluoranthene	12.46	202	1155651	36.224	ng		97
77) Benzidine	12.58	184	146348	7.945	ng	#	55
78) Pyrene	12.69	202	1171670	39.144	ng		99
80) Butylbenzylphthalate	13.31	149	514904	38.972	ng		97
81) Benzo(a)anthracene	13.87	228	912869	37.097	ng		99
82) 3,3'-Dichlorobenzidine	13.83	252	268549	28.855	ng		99
83) Chrysene	13.91	228	902096	37.425	ng		99
84) Bis(2-ethylhexyl)phthalate	13.87	149	619663	39.986	ng		99
85) Di-n-octyl phthalate	14.48	149	1152113	43.295	ng		100
86) Indeno(1,2,3-cd)pyrene	16.66	276	1237769	60.234	ng		96
88) Benzo(b)fluoranthene	14.89	252	972090	37.805	ng		97
89) Benzo(k)fluoranthene	14.92	252	903598	38.796	ng		97
90) Benzo(a)pyrene	15.23	252	957870	42.116	ng		98
91) Dibenzo(a,h)anthracene	16.68	278	1020034	52.558	ng		98
92) Benzo(g,h,i)perylene	17.07	276	1068267	54.817	ng		97

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

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