Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
Data File : BF112394.D
Acq On : 5 Feb 2019 14:09
Operator : JU/SJ
Sample : PB116831BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB116831BS

Manual Integrations APPROVED
mohammad
2/6/2019 9:15:43 AM

Quant Time: Feb 05 16:31:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	156111	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	603727	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	305429	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	619757	20.00	ng		-0.01
76) Chrysene-d12	14.00	240	515228	20.00	ng		0.00
87) Perylene-d12	15.47	264	471099	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1177931	160.27	ng		0.00
7) Phenol-d6	6.49	99	1469382	143.88	ng		0.00
23) Nitrobenzene-d5	7.40	82	797250	76.09	ng		-0.01
42) 2,4,6-Tribromophenol	10.67	330	507243	142.68	ng		-0.01
45) 2-Fluorobiphenyl	9.19	172	1671098	77.38	ng		-0.01
79) Terphenyl-d14	12.94	244	2062905	75.41	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	148373	50.677	ng		97
3) Pyridine	3.45	79	379921	51.013	ng		98
4) n-Nitrosodimethylamine	3.39	42	171100	54.682	ng		99
6) Aniline	6.50	93	368498	30.332	ng	#	28
8) 2-Chlorophenol	6.63	128	415685	42.043	ng		98
9) Benzaldehyde	6.38	77	199487	37.372	ng		99
10) Phenol	6.50	94	475148	42.407	ng		96
11) bis(2-Chloroethyl)ether	6.57	93	359193	40.720	ng		97
12) 1,3-Dichlorobenzene	6.77	146	454080	39.435	ng		99
13) 1,4-Dichlorobenzene	6.85	146	465266	39.262	ng		99
14) 1,2-Dichlorobenzene	7.00	146	437032	39.389	ng		97
15) Benzyl Alcohol	6.98	79	340807	39.587	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	444830	39.275	ng	#	43
17) 2-Methylphenol	7.10	107	328321	41.890	ng		92
18) Hexachloroethane	7.34	117	166564	40.026	ng		99
19) n-Nitroso-di-n-propylamine	7.25	70	275291	39.092	ng		98
20) 3+4-Methylphenols	7.25	107	420662	41.971	ng	#	72
22) Acetophenone	7.24	105	558095	37.964	ng		95
24) Nitrobenzene	7.42	77	414129	39.576	ng		98
25) Isophorone	7.66	82	740550	45.053	ng		97
26) 2-Nitrophenol	7.73	139	228215	40.809	ng		97
27) 2,4-Dimethylphenol	7.77	122	360486	46.787	ng		97
28) bis(2-Chloroethoxy)methane	7.86	93	462039	41.282	ng		99
29) 2,4-Dichlorophenol	7.98	162	358089	41.531	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	397778	40.135	ng		99
31) Naphthalene	8.14	128	1206973	42.751	ng		98
32) Benzoic acid	7.92	122	201068	45.750	ng		98
33) 4-Chloroaniline	8.19	127	294250	23.936	ng		98
34) Hexachlorobutadiene	8.25	225	218615	37.589	ng		98
35) Caprolactam	8.56	113	110308m	36.265	ng		
36) 4-Chloro-3-methylphenol	8.69	107	370040	40.541	ng		99
37) 2-Methylnaphthalene	8.83	142	851534	44.058	ng		98
38) 1-Methylnaphthalene	8.93	142	808283	43.631	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	393114	39.200	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	268601	71.781	ng		98
43) 2,4,6-Trichlorophenol	9.12	196	248601	40.217	ng		99
44) 2,4,5-Trichlorophenol	9.16	196	263104	40.725	ng		99
46) 1,1'-Biphenyl	9.29	154	1057754	39.614	ng		98
47) 2-Chloronaphthalene	9.32	162	810137	39.125	ng		97
48) 2-Nitroaniline	9.42	65	226584	40.148	ng		90
49) Acenaphthylene	9.73	152	1291251	42.546	ng		98
50) Dimethylphthalate	9.59	163	959165	40.419	ng		99
51) 2,6-Dinitrotoluene	9.66	165	217757	40.973	ng	#	86
52) Acenaphthene	9.90	154	742610	40.961	ng		99
53) 3-Nitroaniline	9.83	138	149485	25.962	ng		89
54) 2,4-Dinitrophenol	9.95	184	156278	91.625	ng		94
55) Dibenzofuran	10.08	168	1125853	40.637	ng		98
56) 4-Nitrophenol	10.02	139	244650	80.369	ng		95
57) 2,4-Dinitrotoluene	10.07	165	290783	42.977	ng	#	86
58) Fluorene	10.42	166	909246	43.856	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.20	232	221652m	45.400	ng		
60) Diethylphthalate	10.29	149	959223	40.732	ng		99
61) 4-Chlorophenyl-phenylether	10.41	204	435591	38.623	ng		98
62) 4-Nitroaniline	10.45	138	228068	40.383	ng		95
63) Azobenzene	10.57	77	830624	40.105	ng		99
65) 4,6-Dinitro-2-methylphenol	10.49	198	123917	35.662	ng		98
66) n-Nitrosodiphenylamine	10.53	169	808107	38.688	ng		99
67) 4-Bromophenyl-phenylether	10.90	248	275122	37.744	ng		98
68) Hexachlorobenzene	10.97	284	297443	38.034	ng		98
69) Atrazine	11.06	200	266825	39.590	ng		96
70) Pentachlorophenol	11.17	266	220152	72.347	ng		99
71) Phenanthrene	11.39	178	1341109	41.623	ng		98
72) Anthracene	11.43	178	1398298	43.567	ng		99
73) Carbazole	11.59	167	1230575	38.869	ng		99
74) Di-n-butylphthalate	11.91	149	1495683	38.061	ng		99
75) Fluoranthene	12.57	202	1433971	41.494	ng		98
77) Benzidine	12.69	184	638684	45.039	ng		97
78) Pyrene	12.80	202	1445307	40.517	ng		99
80) Butylbenzylphthalate	13.41	149	661221	38.313	ng		98
81) Benzo(a)anthracene	13.99	228	1278694	42.218	ng		100
82) 3,3'-Dichlorobenzidine	13.95	252	323775	28.564	ng		99
83) Chrysene	14.03	228	1209633	41.840	ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	911195	37.195	ng	#	96
85) Di-n-octyl phthalate	14.57	149	1480856	39.289	ng		98
86) Indeno(1,2,3-cd)pyrene	16.96	276	1064711	46.476	ng		97
88) Benzo(b)fluoranthene	15.04	252	1229363	43.635	ng		99
89) Benzo(k)fluoranthene	15.07	252	1106611	41.006	ng		98
90) Benzo(a)pyrene	15.41	252	1098217	43.321	ng		100
91) Dibenzo(a,h)anthracene	16.96	278	884248	43.279	ng		99
92) Benzo(g,h,i)perylene	17.39	276	861901	44.714	ng		98

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

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