Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
Data File : BF119212.D
Acq On : 5 Mar 2020 13:55
Operator : CG/JU
Sample : PB127257BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB127257BS

Manual Integrations APPROVED
mohammad
3/9/2020 8:26:52 AM

Quant Time: Mar 06 06:44:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 26 16:03:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	110217	20.00	ng		-0.02
21) Naphthalene-d8	8.01	136	425124	20.00	ng		-0.02
39) Acenaphthene-d10	9.76	164	243528	20.00	ng		-0.02
64) Phenanthrene-d10	11.25	188	459807	20.00	ng		-0.01
76) Chrysene-d12	13.89	240	297820	20.00	ng		-0.01
87) Perylene-d12	15.32	264	248805	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	827042	125.40	ng		0.00
7) Phenol-d6	6.39	99	1008294	125.71	ng		-0.01
23) Nitrobenzene-d5	7.29	82	611479	75.95	ng		-0.03
42) 2,4,6-Tribromophenol	10.56	330	386443	121.30	ng		-0.01
45) 2-Fluorobiphenyl	9.09	172	1269557	76.80	ng		-0.02
79) Terphenyl-d14	12.83	244	1515232	87.59	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	118849	40.475	ng		98
3) Pyridine	3.20	79	292957	36.531	ng		99
4) n-Nitrosodimethylamine	3.14	42	110346	45.423	ng		91
6) Aniline	6.39	93	317936	32.124	ng	#	75
8) 2-Chlorophenol	6.52	128	342525	48.125	ng		98
9) Benzaldehyde	6.27	77	149406	27.880	ng		99
10) Phenol	6.40	94	409767	47.251	ng		80
11) bis(2-Chloroethyl)ether	6.47	93	310131	46.739	ng		98
12) 1,3-Dichlorobenzene	6.67	146	371975	43.604	ng		98
13) 1,4-Dichlorobenzene	6.75	146	377999	44.280	ng		98
14) 1,2-Dichlorobenzene	6.90	146	352258	45.246	ng		98
15) Benzyl Alcohol	6.88	79	286219	49.374	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	249436	43.396	ng	#	13
17) 2-Methylphenol	7.00	107	283123	49.064	ng		96
18) Hexachloroethane	7.23	117	134993	44.201	ng		100
19) n-Nitroso-di-n-propylamine	7.14	70	236416	50.583	ng		97
20) 3+4-Methylphenols	7.16	107	371696	52.576	ng	#	84
22) Acetophenone	7.14	105	469668	47.749	ng	#	95
24) Nitrobenzene	7.31	77	354460	44.518	ng		97
25) Isophorone	7.55	82	644743	46.108	ng		99
26) 2-Nitrophenol	7.63	139	193955	45.974	ng		97
27) 2,4-Dimethylphenol	7.68	122	303912	53.079	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	394100	43.300	ng		99
29) 2,4-Dichlorophenol	7.88	162	306222	45.431	ng		98
30) 1,2,4-Trichlorobenzene	7.95	180	335952	42.038	ng		98
31) Naphthalene	8.03	128	999191	45.320	ng		98
32) Benzoic acid	7.84	122	162223	40.106	ng		97
33) 4-Chloroaniline	8.09	127	243652	25.694	ng		98
34) Hexachlorobutadiene	8.14	225	202552	40.689	ng		98
35) Caprolactam	8.46	113	94426m	45.496	ng		
36) 4-Chloro-3-methylphenol	8.59	107	324111	47.512	ng		99
37) 2-Methylnaphthalene	8.72	142	692970	46.704	ng		98
38) 1-Methylnaphthalene	8.82	142	649179	46.523	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	347835	42.363	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	174374	60.887	ng		99
43) 2,4,6-Trichlorophenol	9.02	196	214578	41.384	ng		100
44) 2,4,5-Trichlorophenol	9.06	196	225387	41.424	ng		99
46) 1,1'-Biphenyl	9.19	154	841167	42.738	ng		98
47) 2-Chloronaphthalene	9.22	162	675263	42.574	ng		96
48) 2-Nitroaniline	9.32	65	190459	43.053	ng		98
49) Acenaphthylene	9.63	152	1036379	45.242	ng		100
50) Dimethylphthalate	9.49	163	829435	44.540	ng		99
51) 2,6-Dinitrotoluene	9.56	165	185258	44.778	ng	#	89
52) Acenaphthene	9.80	154	610803	44.220	ng		99
53) 3-Nitroaniline	9.73	138	123192	26.859	ng		96
54) 2,4-Dinitrophenol	9.85	184	138664	69.991	ng		93
55) Dibenzofuran	9.97	168	913832	44.324	ng		99
56) 4-Nitrophenol	9.92	139	171520	62.240	ng		96
57) 2,4-Dinitrotoluene	9.97	165	232489	43.353	ng		93
58) Fluorene	10.32	166	746672	46.607	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	191796	41.776	ng		99
60) Diethylphthalate	10.19	149	802241	45.714	ng		99
61) 4-Chlorophenyl-phenylether	10.30	204	387212	45.662	ng		97
62) 4-Nitroaniline	10.34	138	158879	33.857	ng		94
63) Azobenzene	10.46	77	717480	47.036	ng		96
65) 4,6-Dinitro-2-methylphenol	10.39	198	127422	45.796	ng		95
66) n-Nitrosodiphenylamine	10.43	169	667029	44.304	ng		100
67) 4-Bromophenyl-phenylether	10.79	248	256507	42.678	ng		94
68) Hexachlorobenzene	10.87	284	289351	41.756	ng		98
69) Atrazine	10.96	200	237733	45.194	ng		98
70) Pentachlorophenol	11.07	266	187216	67.069	ng		98
71) Phenanthrene	11.27	178	1101738	43.937	ng		98
72) Anthracene	11.33	178	1129798	45.093	ng		98
73) Carbazole	11.49	167	957024	42.876	ng		98
74) Di-n-butylphthalate	11.81	149	1245165	46.065	ng		98
75) Fluoranthene	12.46	202	1141531	42.887	ng		99
77) Benzidine	12.58	184	374640	30.931	ng		98
78) Pyrene	12.69	202	1125704	47.072	ng		99
80) Butylbenzylphthalate	13.30	149	485506	48.237	ng		97
81) Benzo(a)anthracene	13.88	228	910955	44.891	ng		98
82) 3,3'-Dichlorobenzidine	13.83	252	238142	30.222	ng		98
83) Chrysene	13.92	228	853319	42.202	ng		99
84) Bis(2-ethylhexyl)phthalate	13.86	149	673590	52.973	ng		100
85) Di-n-octyl phthalate	14.47	149	1020004	50.346	ng		99
86) Indeno(1,2,3-cd)pyrene	16.72	276	772017	39.432	ng		100
88) Benzo(b)fluoranthene	14.91	252	768672	46.871	ng		99
89) Benzo(k)fluoranthene	14.93	252	715771	47.096	ng		99
90) Benzo(a)pyrene	15.26	252	650935	43.978	ng		99
91) Dibenzo(a,h)anthracene	16.72	278	652259	50.083	ng		99
92) Benzo(g,h,i)perylene	17.14	276	657668	51.110	ng		98

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

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