Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
Data File : BF119211.D
Acq On : 5 Mar 2020 13:26
Operator : CG/JU
Sample : PB127235BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 06 06:42:52 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

Instrument :
BNA_F
ClientSampleId :
PB127235BS

Manual Integrations APPROVED
mohammad
3/9/2020 8:26:49 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	108946	20.00	ng		-0.02
21) Naphthalene-d8	8.01	136	422533	20.00	ng		-0.02
39) Acenaphthene-d10	9.76	164	242253	20.00	ng		-0.02
64) Phenanthrene-d10	11.25	188	452927	20.00	ng		-0.01
76) Chrysene-d12	13.89	240	295944	20.00	ng		-0.01
87) Perylene-d12	15.31	264	249744	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	828466	127.08	ng		0.00
7) Phenol-d6	6.39	99	993485	125.31	ng		-0.01
23) Nitrobenzene-d5	7.29	82	606802	75.83	ng		-0.03
42) 2,4,6-Tribromophenol	10.56	330	381139	120.27	ng		-0.01
45) 2-Fluorobiphenyl	9.09	172	1265042	76.93	ng		-0.02
79) Terphenyl-d14	12.83	244	1504501	87.53	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	118776	40.922	ng		99
3) Pyridine	3.20	79	292222	36.865	ng		99
4) n-Nitrosodimethylamine	3.14	42	110246	45.911	ng		95
6) Aniline	6.39	93	308834	31.568	ng	#	75
8) 2-Chlorophenol	6.52	128	342383	48.666	ng		99
9) Benzaldehyde	6.27	77	146330	27.624	ng		98
10) Phenol	6.40	94	403159	47.032	ng		81
11) bis(2-Chloroethyl)ether	6.46	93	305720	46.612	ng		96
12) 1,3-Dichlorobenzene	6.67	146	370992	43.996	ng		99
13) 1,4-Dichlorobenzene	6.75	146	380968	45.149	ng		98
14) 1,2-Dichlorobenzene	6.90	146	350469	45.542	ng		98
15) Benzyl Alcohol	6.88	79	285192	49.770	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	243462	42.851	ng	#	19
17) 2-Methylphenol	7.00	107	277942	48.728	ng		94
18) Hexachloroethane	7.23	117	134306	44.489	ng		99
19) n-Nitroso-di-n-propylamine	7.15	70	235658	51.009	ng		96
20) 3+4-Methylphenols	7.16	107	362971	51.941	ng	#	85
22) Acetophenone	7.14	105	460609	47.115	ng	#	94
24) Nitrobenzene	7.31	77	354352	44.777	ng		96
25) Isophorone	7.55	82	641473	46.156	ng		98
26) 2-Nitrophenol	7.63	139	191708	45.720	ng		97
27) 2,4-Dimethylphenol	7.68	122	302820	53.213	ng		100
28) bis(2-Chloroethoxy)methane	7.76	93	390190	43.133	ng		99
29) 2,4-Dichlorophenol	7.88	162	304327	45.426	ng		99
30) 1,2,4-Trichlorobenzene	7.95	180	330057	41.553	ng		99
31) Naphthalene	8.03	128	994486	45.383	ng		98
32) Benzoic acid	7.84	122	160446	39.943	ng		97
33) 4-Chloroaniline	8.09	127	252411	26.781	ng		98
34) Hexachlorobutadiene	8.15	225	201933	40.814	ng		98
35) Caprolactam	8.46	113	90537m	43.890	ng		
36) 4-Chloro-3-methylphenol	8.59	107	323827	47.762	ng		98
37) 2-Methylnaphthalene	8.72	142	694059	47.065	ng		98
38) 1-Methylnaphthalene	8.82	142	646266	46.598	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	341708	41.836	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	170340	59.961	ng		98
43) 2,4,6-Trichlorophenol	9.01	196	214353	41.558	ng		99
44) 2,4,5-Trichlorophenol	9.06	196	222625	41.132	ng		99
46) 1,1'-Biphenyl	9.19	154	836214	42.710	ng		98
47) 2-Chloronaphthalene	9.22	162	667150	42.284	ng		96
48) 2-Nitroaniline	9.32	65	189803	43.130	ng		97
49) Acenaphthylene	9.63	152	1019668	44.746	ng		99
50) Dimethylphthalate	9.49	163	823939	44.478	ng		99
51) 2,6-Dinitrotoluene	9.56	165	182885	44.437	ng	#	86
52) Acenaphthene	9.80	154	609465	44.355	ng		100
53) 3-Nitroaniline	9.73	138	123928	27.161	ng		95
54) 2,4-Dinitrophenol	9.85	184	138192	70.106	ng		94
55) Dibenzofuran	9.97	168	912541	44.494	ng		99
56) 4-Nitrophenol	9.92	139	177502	64.750	ng		97
57) 2,4-Dinitrotoluene	9.97	165	230547	43.217	ng		95
58) Fluorene	10.32	166	737987	46.307	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	194987	42.695	ng		98
60) Diethylphthalate	10.19	149	804062	46.059	ng		99
61) 4-Chlorophenyl-phenylether	10.30	204	389900	46.221	ng		94
62) 4-Nitroaniline	10.35	138	156897	33.610	ng		96
63) Azobenzene	10.46	77	713519	47.022	ng		96
65) 4,6-Dinitro-2-methylphenol	10.39	198	123509	45.064	ng		95
66) n-Nitrosodiphenylamine	10.43	169	669265	45.128	ng		100
67) 4-Bromophenyl-phenylether	10.79	248	253800	42.869	ng		93
68) Hexachlorobenzene	10.87	284	287343	42.096	ng		100
69) Atrazine	10.96	200	233995	45.159	ng		98
70) Pentachlorophenol	11.07	266	181607	66.048	ng		100
71) Phenanthrene	11.27	178	1091994	44.210	ng		98
72) Anthracene	11.33	178	1125234	45.593	ng		98
73) Carbazole	11.49	167	948327	43.132	ng		98
74) Di-n-butylphthalate	11.81	149	1235975	46.420	ng		98
75) Fluoranthene	12.46	202	1139303	43.454	ng		98
77) Benzidine	12.58	184	375597	31.207	ng		98
78) Pyrene	12.69	202	1119117	47.093	ng		98
80) Butylbenzylphthalate	13.30	149	481829	48.175	ng		95
81) Benzo(a)anthracene	13.88	228	916577	45.455	ng		98
82) 3,3'-Dichlorobenzidine	13.83	252	240423	30.705	ng	#	98
83) Chrysene	13.92	228	865936	43.098	ng		99
84) Bis(2-ethylhexyl)phthalate	13.86	149	675754	53.480	ng		100
85) Di-n-octyl phthalate	14.47	149	1022954	50.812	ng		99
86) Indeno(1,2,3-cd)pyrene	16.72	276	776161	39.895	ng		100
88) Benzo(b)fluoranthene	14.91	252	771857	46.888	ng		99
89) Benzo(k)fluoranthene	14.93	252	720447	47.226	ng		99
90) Benzo(a)pyrene	15.26	252	657505	44.255	ng		98
91) Dibenzo(a,h)anthracene	16.72	278	653610	49.999	ng		99
92) Benzo(g,h,i)perylene	17.14	276	658294	50.966	ng		100

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

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