Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100920\
Data File : BF121903.D
Acq On : 9 Oct 2020 13:18
Operator : JU/CG
Sample : PB132237BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB132237BS

Manual Integrations APPROVED
mohammad
10/12/2020 11:33:56 AM

Quant Time: Oct 09 14:07:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 01 14:29:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	157019	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	596740	20.00	ng		-0.01
39) Acenaphthene-d10	9.80	164	305662	20.00	ng		-0.01
64) Phenanthrene-d10	11.28	188	559844	20.00	ng		-0.01
76) Chrysene-d12	13.93	240	412797	20.00	ng		0.00
86) Perylene-d12	15.36	264	350448	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1113775	105.41	ng		0.01
7) Phenol-d6	6.42	99	1411737	101.85	ng		0.00
23) Nitrobenzene-d5	7.33	82	961599	86.52	ng		0.00
42) 2,4,6-Tribromophenol	10.59	330	447239	117.73	ng		-0.01
45) 2-Fluorobiphenyl	9.12	172	1591355	78.85	ng		-0.01
79) Terphenyl-d14	12.87	244	1879933	92.26	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	165630	34.122	ng		98
3) Pyridine	3.29	79	460738	34.335	ng		99
4) n-Nitrosodimethylamine	3.25	42	241094	38.734	ng		99
6) Aniline	6.43	93	510122	28.257	ng	#	31
8) 2-Chlorophenol	6.55	128	444720	41.341	ng		95
9) Benzaldehyde	6.31	77	140722	15.529	ng		97
10) Phenol	6.43	94	522448	35.394	ng		92
11) bis(2-Chloroethyl)ether	6.50	93	443228	39.840	ng		98
12) 1,3-Dichlorobenzene	6.70	146	466353	38.840	ng		99
13) 1,4-Dichlorobenzene	6.77	146	471589	39.116	ng		98
14) 1,2-Dichlorobenzene	6.93	146	423674	38.147	ng		97
15) Benzyl Alcohol	6.91	79	336368	35.702	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.04	45	674769	37.692	ng		85
17) 2-Methylphenol	7.03	107	363256	39.687	ng	#	93
18) Hexachloroethane	7.27	117	175897	40.747	ng		94
19) n-Nitroso-di-n-propylamine	7.18	70	312696	39.142	ng		98
20) 3+4-Methylphenols	7.18	107	428628	38.976	ng		91
22) Acetophenone	7.17	105	577413	38.137	ng		95
24) Nitrobenzene	7.35	77	481190	40.030	ng		96
25) Isophorone	7.59	82	870929	38.928	ng		99
26) 2-Nitrophenol	7.66	139	237702	42.324	ng		97
27) 2,4-Dimethylphenol	7.70	122	368470	36.896	ng		98
28) bis(2-Chloroethoxy)methane	7.80	93	550710	39.761	ng		100
29) 2,4-Dichlorophenol	7.91	162	364996	40.127	ng		99
30) 1,2,4-Trichlorobenzene	7.99	180	380858	39.756	ng		98
31) Naphthalene	8.06	128	1219695	38.719	ng		99
32) Benzoic acid	7.87	122	193961	29.205	ng		97
33) 4-Chloroaniline	8.12	127	438330	32.101	ng		99
34) Hexachlorobutadiene	8.18	225	231567	41.182	ng		100
35) Caprolactam	8.51	113	115832m	38.240	ng		
36) 4-Chloro-3-methylphenol	8.62	107	393674	40.176	ng		100
37) 2-Methylnaphthalene	8.76	142	815397	39.498	ng		99
38) 1-Methylnaphthalene	8.86	142	755865	39.342	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	375713	39.350	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	253533	46.498	ng		98
43) 2,4,6-Trichlorophenol	9.04	196	241279	37.074	ng		99
44) 2,4,5-Trichlorophenol	9.09	196	253975	36.915	ng		99
46) 1,1'-Biphenyl	9.22	154	939108	38.378	ng		99
47) 2-Chloronaphthalene	9.25	162	744995	38.635	ng		98
48) 2-Nitroaniline	9.35	65	260351	43.448	ng		99
49) Acenaphthylene	9.66	152	1121721	37.860	ng		100
50) Dimethylphthalate	9.53	163	911587	41.148	ng		100
51) 2,6-Dinitrotoluene	9.59	165	198384	42.048	ng		98
52) Acenaphthene	9.83	154	675203	36.081	ng		99
53) 3-Nitroaniline	9.76	138	174115	31.857	ng		99
54) 2,4-Dinitrophenol	9.88	184	180780	67.968	ng	#	88
55) Dibenzofuran	10.00	168	962442	36.521	ng		98
56) 4-Nitrophenol	9.95	139	223448	51.264	ng	#	83
57) 2,4-Dinitrotoluene	10.00	165	241226	40.641	ng	#	89
58) Fluorene	10.35	166	797051	39.550	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.13	232	223860	40.023	ng		95
60) Diethylphthalate	10.23	149	869775	40.268	ng		99
61) 4-Chlorophenyl-phenylether	10.34	204	396731	41.095	ng		98
62) 4-Nitroaniline	10.39	138	213013	39.252	ng		97
63) Azobenzene	10.50	77	913935	39.733	ng		99
65) 4,6-Dinitro-2-methylphenol	10.42	198	147365	43.625	ng		99
66) n-Nitrosodiphenylamine	10.46	169	756521	39.388	ng		99
67) 4-Bromophenyl-phenylether	10.83	248	267476	41.963	ng		97
68) Hexachlorobenzene	10.90	284	296999	41.288	ng	#	92
69) Atrazine	10.99	200	224848	47.120	ng		99
70) Pentachlorophenol	11.10	266	218662	55.351	ng		98
71) Phenanthrene	11.31	178	1171176	38.396	ng		100
72) Anthracene	11.36	178	1209173	38.414	ng		100
73) Carbazole	11.52	167	1091409	38.423	ng		100
74) Di-n-butylphthalate	11.85	149	1345772	41.049	ng		100
75) Fluoranthene	12.50	202	1266251	38.888	ng		99
77) Benzidine	12.62	184	663859	48.510	ng		100
78) Pyrene	12.73	202	1249293	41.422	ng		100
80) Butylbenzylphthalate	13.34	149	556665	45.637	ng		99
81) Benzo(a)anthracene	13.92	228	1077953	41.276	ng		99
82) 3,3'-Dichlorobenzidine	13.87	252	321003	31.485	ng		98
83) Chrysene	13.95	228	1058022	40.008	ng		100
84) Bis(2-ethylhexyl)phthalate	13.90	149	770644	47.293	ng	#	98
85) Di-n-octyl phthalate	14.51	149	1257202	43.717	ng		100
87) Indeno(1,2,3-cd)pyrene	16.79	276	914794	40.083	ng		100
88) Benzo(b)fluoranthene	14.95	252	1006649	42.968	ng		99
89) Benzo(k)fluoranthene	14.98	252	933355	43.505	ng		99
90) Benzo(a)pyrene	15.30	252	863265	43.349	ng		99
91) Dibenzo(a,h)anthracene	16.79	278	760522	40.032	ng		100
92) Benzo(g,h,i)perylene	17.21	276	742812	39.777	ng		98

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

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