Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
Data File : BF121789.D
Acq On : 2 Oct 2020 12:30
Operator : JU/CG
Sample : PB131986BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB131986BS

Manual Integrations APPROVED
mohammad
10/5/2020 10:27:17 AM

Quant Time: Oct 02 13:15:35 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	156831	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	617979	20.00	ng		0.00
39) Acenaphthene-d10	9.80	164	320684	20.00	ng		0.00
64) Phenanthrene-d10	11.29	188	574738	20.00	ng		0.00
76) Chrysene-d12	13.93	240	442900	20.00	ng		0.00
86) Perylene-d12	15.36	264	378437	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1012135	95.91	ng		0.02
7) Phenol-d6	6.42	99	1327248	95.87	ng		0.00
23) Nitrobenzene-d5	7.33	82	1152027	100.09	ng		0.00
42) 2,4,6-Tribromophenol	10.60	330	385660	96.76	ng		0.00
45) 2-Fluorobiphenyl	9.13	172	1929146	91.11	ng		0.00
79) Terphenyl-d14	12.87	244	1661497	76.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	186021	38.369	ng		99
3) Pyridine	3.37	79	418075	31.193	ng		99
4) n-Nitrosodimethylamine	3.33	42	241724	38.882	ng		98
6) Aniline	6.43	93	462932	25.673	ng	#	85
8) 2-Chlorophenol	6.56	128	421859	39.263	ng		96
9) Benzaldehyde	6.32	77	234140	25.869	ng		98
10) Phenol	6.43	94	528034	35.816	ng		100
11) bis(2-Chloroethyl)ether	6.50	93	435394	39.183	ng		98
12) 1,3-Dichlorobenzene	6.70	146	461763	38.504	ng		99
13) 1,4-Dichlorobenzene	6.78	146	468373	38.896	ng		99
14) 1,2-Dichlorobenzene	6.93	146	417299	37.618	ng		98
15) Benzyl Alcohol	6.92	79	362365	38.507	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.04	45	668663	37.395	ng		80
17) 2-Methylphenol	7.03	107	360903	39.477	ng	#	93
18) Hexachloroethane	7.27	117	174112	40.382	ng		97
19) n-Nitroso-di-n-propylamine	7.19	70	306276	38.384	ng		100
20) 3+4-Methylphenols	7.19	107	427569	38.926	ng	#	79
22) Acetophenone	7.18	105	587206	37.451	ng		100
24) Nitrobenzene	7.35	77	470270	37.777	ng		99
25) Isophorone	7.59	82	863333	37.262	ng		100
26) 2-Nitrophenol	7.67	139	233890	40.342	ng		99
27) 2,4-Dimethylphenol	7.71	122	385319	37.257	ng		99
28) bis(2-Chloroethoxy)methane	7.80	93	541978	37.786	ng		100
29) 2,4-Dichlorophenol	7.92	162	357587	37.961	ng		96
30) 1,2,4-Trichlorobenzene	7.99	180	377641	38.066	ng		99
31) Naphthalene	8.07	128	1236793	37.913	ng		99
32) Benzoic acid	7.86	122	196322	28.702	ng		98
33) 4-Chloroaniline	8.12	127	389004	27.509	ng		99
34) Hexachlorobutadiene	8.19	225	226214	38.847	ng		99
35) Caprolactam	8.51	113	111867m	35.661	ng		
36) 4-Chloro-3-methylphenol	8.62	107	380344	37.482	ng		98
37) 2-Methylnaphthalene	8.76	142	811361	37.952	ng		99
38) 1-Methylnaphthalene	8.86	142	759823	38.189	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	379655	37.901	ng		99

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QLast Update : Thu Oct 01 14:29:14 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.92	237	325341	56.873	ng	98
43) 2,4,6-Trichlorophenol	9.05	196	254392	37.258	ng	99
44) 2,4,5-Trichlorophenol	9.09	196	255591	35.410	ng	98
46) 1,1'-Biphenyl	9.23	154	958971	37.353	ng	99
47) 2-Chloronaphthalene	9.25	162	733458	36.254	ng	100
48) 2-Nitroaniline	9.35	65	249622	39.706	ng	99
49) Acenaphthylene	9.67	152	1170190	37.646	ng	100
50) Dimethylphthalate	9.53	163	859049	36.960	ng	100
51) 2,6-Dinitrotoluene	9.59	165	192184	38.826	ng	99
52) Acenaphthene	9.84	154	674736	34.367	ng	100
53) 3-Nitroaniline	9.76	138	147827	25.780	ng	97
54) 2,4-Dinitrophenol	9.88	184	186887	67.105	ng	99
55) Dibenzofuran	10.01	168	983943	35.587	ng	99
56) 4-Nitrophenol	9.94	139	271630	59.399	ng	87
57) 2,4-Dinitrotoluene	10.00	165	242357	38.918	ng	97
58) Fluorene	10.35	166	760440	35.965	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.13	232	206233	35.145	ng	99
60) Diethylphthalate	10.23	149	816119	36.014	ng	99
61) 4-Chlorophenyl-phenylether	10.35	204	375242	37.048	ng	98
62) 4-Nitroaniline	10.38	138	196943	34.591	ng	99
63) Azobenzene	10.50	77	841124	34.855	ng	99
65) 4,6-Dinitro-2-methylphenol	10.42	198	136326	39.988	ng	89
66) n-Nitrosodiphenylamine	10.46	169	723303	36.682	ng	99
67) 4-Bromophenyl-phenylether	10.83	248	248750	38.014	ng	97
68) Hexachlorobenzene	10.90	284	279212	37.810	ng	99
69) Atrazine	10.99	200	204035	41.650	ng	99
70) Pentachlorophenol	11.10	266	248963	61.388	ng	98
71) Phenanthrene	11.32	178	1132088	36.153	ng	100
72) Anthracene	11.36	178	1151157	35.623	ng	100
73) Carbazole	11.52	167	1024778	35.142	ng	100
74) Di-n-butylphthalate	11.85	149	1218789	36.212	ng	99
75) Fluoranthene	12.50	202	1186358	35.490	ng	99
77) Benzidine	12.62	184	540993	36.845	ng	100
78) Pyrene	12.73	202	1207286	37.308	ng	99
80) Butylbenzylphthalate	13.34	149	512149	39.133	ng	100
81) Benzo(a)anthracene	13.92	228	1048765	37.429	ng	100
82) 3,3'-Dichlorobenzidine	13.88	252	308869	28.235	ng	99
83) Chrysene	13.96	228	1035441	36.493	ng	100
84) Bis(2-ethylhexyl)phthalate	13.90	149	674283	38.567	ng	98
85) Di-n-octyl phthalate	14.52	149	1165292	37.767	ng	100
87) Indeno(1,2,3-cd)pyrene	16.78	276	927614	37.639	ng	100
88) Benzo(b)fluoranthene	14.95	252	974067	38.502	ng	99
89) Benzo(k)fluoranthene	14.98	252	930763	40.176	ng	99
90) Benzo(a)pyrene	15.30	252	851635	39.602	ng	99
91) Dibenzo(a,h)anthracene	16.79	278	765455	37.311	ng	100
92) Benzo(g,h,i)perylene	17.20	276	770154	38.191	ng	99

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

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