Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121400.D
Acq On : 24 Aug 2020 15:27
Operator : JU/CG
Sample : PB131155BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB131155BS

Manual Integrations APPROVED
mohammad
8/25/2020 4:19:06 PM

Quant Time: Aug 24 16:09:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 24 11:54:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	173100	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	669386	20.00	ng		0.00
39) Acenaphthene-d10	9.73	164	353453	20.00	ng		0.00
64) Phenanthrene-d10	11.22	188	665529	20.00	ng		0.00
76) Chrysene-d12	13.86	240	509547	20.00	ng		0.00
86) Perylene-d12	15.27	264	545598	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	983561	93.17	ng		0.02
7) Phenol-d6	6.35	99	1212271	89.95	ng		0.00
23) Nitrobenzene-d5	7.27	82	1047078	88.47	ng		0.00
42) 2,4,6-Tribromophenol	10.53	330	362965	88.12	ng		0.00
45) 2-Fluorobiphenyl	9.06	172	1680754	92.41	ng		0.00
79) Terphenyl-d14	12.80	244	1574758	60.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	183124	38.334	ng		99
3) Pyridine	3.17	79	412070	32.140	ng		99
4) n-Nitrosodimethylamine	3.13	42	208201	39.897	ng		99
6) Aniline	6.36	93	441073	28.345	ng		86
8) 2-Chlorophenol	6.49	128	425074	38.526	ng		94
9) Benzaldehyde	6.25	77	260270	34.330	ng		98
10) Phenol	6.36	94	489645	34.652	ng		96
11) bis(2-Chloroethyl)ether	6.44	93	416834	38.302	ng		99
12) 1,3-Dichlorobenzene	6.64	146	453438	36.681	ng		100
13) 1,4-Dichlorobenzene	6.72	146	457762	36.682	ng		100
14) 1,2-Dichlorobenzene	6.87	146	402472	33.866	ng		97
15) Benzyl Alcohol	6.85	79	291526	35.953	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.98	45	563085	35.140	ng		98
17) 2-Methylphenol	6.97	107	351229	38.580	ng		97
18) Hexachloroethane	7.20	117	170879	36.775	ng		95
19) n-Nitroso-di-n-propylamine	7.12	70	272255	37.564	ng		99
20) 3+4-Methylphenols	7.12	107	411314	45.755	ng	#	80
22) Acetophenone	7.12	105	574333	36.699	ng	#	100
24) Nitrobenzene	7.29	77	443397	36.757	ng		94
25) Isophorone	7.53	82	814064	37.794	ng		100
26) 2-Nitrophenol	7.60	139	243358	39.335	ng		98
27) 2,4-Dimethylphenol	7.65	122	384925	43.603	ng		98
28) bis(2-Chloroethoxy)methane	7.74	93	518498	35.362	ng		100
29) 2,4-Dichlorophenol	7.85	162	362176	37.577	ng		99
30) 1,2,4-Trichlorobenzene	7.93	180	392108	35.576	ng		98
31) Naphthalene	8.00	128	1209829	36.315	ng		99
32) Benzoic acid	7.80	122	192747	30.881	ng		100
33) 4-Chloroaniline	8.06	127	337926	22.907	ng		98
34) Hexachlorobutadiene	8.12	225	224412	34.405	ng		100
35) Caprolactam	8.44	113	116372m	36.866	ng		
36) 4-Chloro-3-methylphenol	8.56	107	375307	38.501	ng		97
37) 2-Methylnaphthalene	8.70	142	806391	37.345	ng		99
38) 1-Methylnaphthalene	8.79	142	756758	36.858	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	376496	35.889	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	321648	77.617	ng		98
43) 2,4,6-Trichlorophenol	8.98	196	255492	35.624	ng		99
44) 2,4,5-Trichlorophenol	9.03	196	272053	36.871	ng		99
46) 1,1'-Biphenyl	9.16	154	962282	36.324	ng		98
47) 2-Chloronaphthalene	9.19	162	749176	34.326	ng		99
48) 2-Nitroaniline	9.29	65	234211	34.083	ng		99
49) Acenaphthylene	9.60	152	1167465	36.013	ng		100
50) Dimethylphthalate	9.46	163	898367	34.936	ng		99
51) 2,6-Dinitrotoluene	9.53	165	201768	36.740	ng	#	86
52) Acenaphthene	9.77	154	687137	34.885	ng		99
53) 3-Nitroaniline	9.70	138	152482	22.195	ng		97
54) 2,4-Dinitrophenol	9.82	184	201390	76.066	ng		99
55) Dibenzofuran	9.95	168	987715	38.508	ng		99
56) 4-Nitrophenol	9.88	139	267335	63.097	ng		100
57) 2,4-Dinitrotoluene	9.94	165	230382	34.387	ng		96
58) Fluorene	10.29	166	768706	41.023	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	235502	37.337	ng		99
60) Diethylphthalate	10.16	149	867654	34.554	ng		99
61) 4-Chlorophenyl-phenylether	10.27	204	376751	39.726	ng		100
62) 4-Nitroaniline	10.32	138	223448	31.744	ng		99
63) Azobenzene	10.44	77	821673	35.231	ng		98
65) 4,6-Dinitro-2-methylphenol	10.35	198	144494	40.597	ng		99
66) n-Nitrosodiphenylamine	10.40	169	739959	36.045	ng		99
67) 4-Bromophenyl-phenylether	10.76	248	256442	34.737	ng		99
68) Hexachlorobenzene	10.83	284	289246	33.990	ng		97
69) Atrazine	10.93	200	215290	33.854	ng		99
70) Pentachlorophenol	11.03	266	287535	75.943	ng		99
71) Phenanthrene	11.24	178	1160196	33.683	ng		100
72) Anthracene	11.30	178	1193529	35.983	ng		100
73) Carbazole	11.46	167	1130539	35.714	ng		100
74) Di-n-butylphthalate	11.78	149	1312374	34.380	ng		100
75) Fluoranthene	12.43	202	1274846	34.099	ng		100
77) Benzidine	12.56	184	734503	52.321	ng		99
78) Pyrene	12.66	202	1301621	34.007	ng		99
80) Butylbenzylphthalate	13.28	149	569715	34.640	ng		99
81) Benzo(a)anthracene	13.85	228	1082598	34.207	ng		100
82) 3,3'-Dichlorobenzidine	13.81	252	330818	27.225	ng		98
83) Chrysene	13.89	228	1092842	33.763	ng		99
84) Bis(2-ethylhexyl)phthalate	13.84	149	701417	36.265	ng		99
85) Di-n-octyl phthalate	14.44	149	1305104	36.462	ng		100
87) Indeno(1,2,3-cd)pyrene	16.64	276	1236541	37.128	ng		100
88) Benzo(b)fluoranthene	14.87	252	1193640	33.864	ng		99
89) Benzo(k)fluoranthene	14.90	252	1029893	33.193	ng		99
90) Benzo(a)pyrene	15.22	252	1044943	34.310	ng		99
91) Dibenzo(a,h)anthracene	16.66	278	1007180	36.884	ng		98
92) Benzo(g,h,i)perylene	17.06	276	1055614	39.542	ng		99

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

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