Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121394.D
Acq On : 24 Aug 2020 12:06
Operator : JU/CG
Sample : PB131080BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB131080BS

Manual Integrations APPROVED
mohammad
8/25/2020 4:18:54 PM

Quant Time: Aug 25 09:39:56 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	172408	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	648881	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	335795	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	638072	20.00	ng	0.00
76) Chrysene-d12	13.86	240	477297	20.00	ng	0.00
86) Perylene-d12	15.27	264	504230	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	900784	85.67	ng	0.01
7) Phenol-d6	6.35	99	1056751	78.73	ng	0.00
23) Nitrobenzene-d5	7.27	82	1017702	88.70	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	329182	84.12	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1700453	99.40	ng	0.00
79) Terphenyl-d14	12.81	244	1805268	73.91	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.44	88	206353	43.370	ng	99
3) Pyridine	3.13	79	438627	34.349	ng	99
4) n-Nitrosodimethylamine	3.09	42	218787	42.094	ng	98
6) Aniline	6.36	93	485208	31.306	ng	98
8) 2-Chlorophenol	6.49	128	479630	43.645	ng	97
9) Benzaldehyde	6.25	77	123641	16.374	ng	97
10) Phenol	6.36	94	522713	37.140	ng	100
11) bis(2-Chloroethyl)ether	6.44	93	449223	41.444	ng	98
12) 1,3-Dichlorobenzene	6.64	146	476519	38.703	ng	99
13) 1,4-Dichlorobenzene	6.72	146	478964	38.536	ng	99
14) 1,2-Dichlorobenzene	6.87	146	427910	36.151	ng	97
15) Benzyl Alcohol	6.85	79	313607	38.832	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.98	45	597679	37.449	ng	97
17) 2-Methylphenol	6.97	107	369463	40.746	ng	99
18) Hexachloroethane	7.21	117	179446	38.774	ng	99
19) n-Nitroso-di-n-propylamine	7.13	70	286565	39.697	ng	96
20) 3+4-Methylphenols	7.13	107	430882	48.630	ng	98
22) Acetophenone	7.12	105	586322	38.649	ng	99
24) Nitrobenzene	7.29	77	473300	40.475	ng	100
25) Isophorone	7.53	82	873991	41.859	ng	99
26) 2-Nitrophenol	7.60	139	260598	43.453	ng	98
27) 2,4-Dimethylphenol	7.65	122	390349	45.615	ng	97
28) bis(2-Chloroethoxy)methane	7.74	93	554077	38.983	ng	100
29) 2,4-Dichlorophenol	7.85	162	389908	41.733	ng	99
30) 1,2,4-Trichlorobenzene	7.93	180	418683	39.187	ng	99
31) Naphthalene	8.00	128	1277205	39.549	ng	99
32) Benzoic acid	7.81	122	255832	39.674	ng	98
33) 4-Chloroaniline	8.06	127	499285	34.914	ng	99
34) Hexachlorobutadiene	8.12	225	235570	37.257	ng	99
35) Caprolactam	8.45	113	130741m	42.727	ng	
36) 4-Chloro-3-methylphenol	8.56	107	410029	43.392	ng	98
37) 2-Methylnaphthalene	8.70	142	855633	40.877	ng	99
38) 1-Methylnaphthalene	8.80	142	805401	40.467	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	393483	39.481	ng	99

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QLast Update : Mon Aug 24 11:54:47 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	306573	77.850	ng	99
43) 2,4,6-Trichlorophenol	8.98	196	281834	41.364	ng	98
44) 2,4,5-Trichlorophenol	9.03	196	296771	42.336	ng	97
46) 1,1'-Biphenyl	9.16	154	1012072	40.213	ng	100
47) 2-Chloronaphthalene	9.19	162	801163	38.638	ng	99
48) 2-Nitroaniline	9.29	65	266006	40.745	ng	97
49) Acenaphthylene	9.60	152	1231953	40.001	ng	100
50) Dimethylphthalate	9.46	163	988681	40.470	ng	99
51) 2,6-Dinitrotoluene	9.53	165	224519	43.033	ng	99
52) Acenaphthene	9.77	154	737572	39.414	ng	100
53) 3-Nitroaniline	9.70	138	216735	33.207	ng	97
54) 2,4-Dinitrophenol	9.82	184	234805	93.350	ng	95
55) Dibenzofuran	9.95	168	1057374	44.170	ng	98
56) 4-Nitrophenol	9.89	139	314842	78.218	ng	96
57) 2,4-Dinitrotoluene	9.94	165	256956	40.370	ng	94
58) Fluorene	10.29	166	829367	47.559	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	251290	41.935	ng	96
60) Diethylphthalate	10.16	149	956295	40.087	ng	99
61) 4-Chlorophenyl-phenylether	10.27	204	405254	45.947	ng	99
62) 4-Nitroaniline	10.32	138	255238	38.166	ng	99
63) Azobenzene	10.44	77	888879	40.116	ng	99
65) 4,6-Dinitro-2-methylphenol	10.36	198	168711	49.441	ng	89
66) n-Nitrosodiphenylamine	10.40	169	815006	41.409	ng	100
67) 4-Bromophenyl-phenylether	10.76	248	284821	40.241	ng	99
68) Hexachlorobenzene	10.83	284	322647	39.547	ng	99
69) Atrazine	10.93	200	228157	37.421	ng	99
70) Pentachlorophenol	11.03	266	307210	84.631	ng	99
71) Phenanthrene	11.25	178	1279995	38.760	ng	100
72) Anthracene	11.30	178	1314338	41.330	ng	100
73) Carbazole	11.46	167	1233517	40.643	ng	99
74) Di-n-butylphthalate	11.79	149	1439446	39.332	ng	100
75) Fluoranthene	12.43	202	1415572	39.493	ng	99
77) Benzidine	12.56	184	641783	48.805	ng	100
78) Pyrene	12.66	202	1423160	39.694	ng	99
80) Butylbenzylphthalate	13.28	149	627835	40.753	ng	99
81) Benzo(a)anthracene	13.85	228	1174935	39.633	ng	100
82) 3,3'-Dichlorobenzidine	13.82	252	456961	40.147	ng	99
83) Chrysene	13.89	228	1215905	40.103	ng	99
84) Bis(2-ethylhexyl)phthalate	13.84	149	765941	42.277	ng	100
85) Di-n-octyl phthalate	14.45	149	1439325	42.929	ng	100
87) Indeno(1,2,3-cd)pyrene	16.66	276	1330790	43.236	ng	100
88) Benzo(b)fluoranthene	14.87	252	1264474	38.817	ng	100
89) Benzo(k)fluoranthene	14.90	252	1216241	42.415	ng	100
90) Benzo(a)pyrene	15.22	252	1152087	40.932	ng	99
91) Dibenzo(a,h)anthracene	16.67	278	1084369	42.968	ng	99
92) Benzo(g,h,i)perylene	17.07	276	1111634	45.057	ng	99

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

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