Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121395.D
Acq On : 24 Aug 2020 12:37
Operator : JU/CG
Sample : PB131080BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB131080BSD

Manual Integrations APPROVED
mohammad
8/25/2020 4:18:57 PM

Quant Time: Aug 25 09:40:13 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	168600	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	637152	20.00	ng		0.00
39) Acenaphthene-d10	9.74	164	332078	20.00	ng		0.00
64) Phenanthrene-d10	11.22	188	634230	20.00	ng		0.00
76) Chrysene-d12	13.86	240	486795	20.00	ng		0.00
86) Perylene-d12	15.27	264	511037	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	871469	84.76	ng		0.01
7) Phenol-d6	6.35	99	1033400	78.73	ng		0.00
23) Nitrobenzene-d5	7.27	82	995402	88.36	ng		0.00
42) 2,4,6-Tribromophenol	10.53	330	329070	85.04	ng		0.00
45) 2-Fluorobiphenyl	9.06	172	1661291	98.02	ng		0.00
79) Terphenyl-d14	12.81	244	1837032	73.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	202207	43.459	ng		99
3) Pyridine	3.13	79	411266	32.933	ng		100
4) n-Nitrosodimethylamine	3.09	42	212494	41.806	ng		99
6) Aniline	6.36	93	471437	31.104	ng		98
8) 2-Chlorophenol	6.49	128	467208	43.475	ng		98
9) Benzaldehyde	6.25	77	118603	16.061	ng		98
10) Phenol	6.36	94	508072	36.915	ng		99
11) bis(2-Chloroethyl)ether	6.44	93	433794	40.924	ng		99
12) 1,3-Dichlorobenzene	6.64	146	462696	38.429	ng		99
13) 1,4-Dichlorobenzene	6.72	146	465815	38.324	ng		99
14) 1,2-Dichlorobenzene	6.87	146	414750	35.831	ng		97
15) Benzyl Alcohol	6.85	79	306709	38.835	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.98	45	581075	37.231	ng		97
17) 2-Methylphenol	6.97	107	364726	41.132	ng		98
18) Hexachloroethane	7.21	117	173053	38.237	ng		98
19) n-Nitroso-di-n-propylamine	7.13	70	280146	39.684	ng		96
20) 3+4-Methylphenols	7.13	107	424401	49.051	ng		97
22) Acetophenone	7.12	105	572786	38.452	ng	#	100
24) Nitrobenzene	7.29	77	460453	40.102	ng		98
25) Isophorone	7.53	82	849376	41.429	ng		99
26) 2-Nitrophenol	7.60	139	254898	43.285	ng		99
27) 2,4-Dimethylphenol	7.65	122	386941	46.049	ng		98
28) bis(2-Chloroethoxy)methane	7.74	93	543818	38.966	ng		100
29) 2,4-Dichlorophenol	7.85	162	381197	41.551	ng		100
30) 1,2,4-Trichlorobenzene	7.93	180	408949	38.981	ng		99
31) Naphthalene	8.00	128	1249305	39.397	ng		99
32) Benzoic acid	7.81	122	259277	40.722	ng		99
33) 4-Chloroaniline	8.06	127	494174	35.193	ng		100
34) Hexachlorobutadiene	8.12	225	233652	37.634	ng		98
35) Caprolactam	8.45	113	132221m	44.006	ng		
36) 4-Chloro-3-methylphenol	8.56	107	400456	43.159	ng		98
37) 2-Methylnaphthalene	8.70	142	843174	41.024	ng		100
38) 1-Methylnaphthalene	8.79	142	794762	40.668	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	382939	38.853	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	299646	77.014 ng	99
43) 2,4,6-Trichlorophenol	8.98	196	277336	41.159 ng	99
44) 2,4,5-Trichlorophenol	9.03	196	293843	42.388 ng	96
46) 1,1'-Biphenyl	9.16	154	1007229	40.468 ng	99
47) 2-Chloronaphthalene	9.19	162	787317	38.395 ng	99
48) 2-Nitroaniline	9.29	65	262316	40.630 ng	97
49) Acenaphthylene	9.60	152	1232144	40.455 ng	100
50) Dimethylphthalate	9.47	163	988353	40.910 ng	99
51) 2,6-Dinitrotoluene	9.53	165	219609	42.563 ng	95
52) Acenaphthene	9.77	154	738177	39.888 ng	99
53) 3-Nitroaniline	9.70	138	221331	34.291 ng	99
54) 2,4-Dinitrophenol	9.82	184	237809	95.603 ng	94
55) Dibenzofuran	9.95	168	1034905	43.652 ng	99
56) 4-Nitrophenol	9.89	139	310215	77.931 ng	98
57) 2,4-Dinitrotoluene	9.94	165	257494	40.908 ng	97
58) Fluorene	10.29	166	833531	48.449 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	253011	42.695 ng	97
60) Diethylphthalate	10.16	149	952771	40.386 ng	99
61) 4-Chlorophenyl-phenylether	10.27	204	403301	46.284 ng	99
62) 4-Nitroaniline	10.32	138	258092	39.025 ng	99
63) Azobenzene	10.44	77	889392	40.589 ng	99
65) 4,6-Dinitro-2-methylphenol	10.36	198	172426	50.836 ng	88
66) n-Nitrosodiphenylamine	10.40	169	809742	41.391 ng	99
67) 4-Bromophenyl-phenylether	10.76	248	281459	40.007 ng	100
68) Hexachlorobenzene	10.83	284	318279	39.248 ng	100
69) Atrazine	10.93	200	223728	36.917 ng	99
70) Pentachlorophenol	11.03	266	307067	85.104 ng	98
71) Phenanthrene	11.24	178	1267330	38.609 ng	100
72) Anthracene	11.30	178	1298740	41.087 ng	100
73) Carbazole	11.46	167	1227679	40.696 ng	99
74) Di-n-butylphthalate	11.79	149	1448133	39.809 ng	99
75) Fluoranthene	12.43	202	1426455	40.037 ng	99
77) Benzidine	12.56	184	659741	49.192 ng	100
78) Pyrene	12.66	202	1449937	39.652 ng	99
80) Butylbenzylphthalate	13.28	149	640006	40.733 ng	98
81) Benzo(a)anthracene	13.85	228	1176081	38.898 ng	99
82) 3,3'-Dichlorobenzidine	13.82	252	466908	40.220 ng	99
83) Chrysene	13.89	228	1210170	39.135 ng	99
84) Bis(2-ethylhexyl)phthalate	13.84	149	777474	42.076 ng	100
85) Di-n-octyl phthalate	14.45	149	1482962	43.367 ng	100
87) Indeno(1,2,3-cd)pyrene	16.65	276	1348127	43.216 ng	100
88) Benzo(b)fluoranthene	14.88	252	1392741	42.185 ng	99
89) Benzo(k)fluoranthene	14.91	252	1121113	38.577 ng	99
90) Benzo(a)pyrene	15.22	252	1156103	40.528 ng	99
91) Dibenzo(a,h)anthracene	16.67	278	1088095	42.542 ng	99
92) Benzo(g,h,i)perylene	17.07	276	1128965	45.150 ng	99

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

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