Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121399.D
Acq On : 24 Aug 2020 14:56
Operator : JU/CG
Sample : PB131036BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB131036BS

Manual Integrations APPROVED
mohammad
8/25/2020 4:19:04 PM

Quant Time: Aug 24 16:08:26 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	172435	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	675467	20.00	ng		0.00
39) Acenaphthene-d10	9.73	164	353208	20.00	ng		0.00
64) Phenanthrene-d10	11.22	188	662656	20.00	ng		0.00
76) Chrysene-d12	13.86	240	509595	20.00	ng		0.00
86) Perylene-d12	15.27	264	546613	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	987503	93.90	ng		0.02
7) Phenol-d6	6.35	99	1219579	90.85	ng		0.00
23) Nitrobenzene-d5	7.27	82	1050659	87.97	ng		0.00
42) 2,4,6-Tribromophenol	10.53	330	361206	87.76	ng		0.00
45) 2-Fluorobiphenyl	9.06	172	1747897	96.79	ng		0.00
79) Terphenyl-d14	12.80	244	1556680	59.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	185215	38.922	ng		99
3) Pyridine	3.17	79	410571	32.146	ng		99
4) n-Nitrosodimethylamine	3.13	42	208191	40.049	ng		99
6) Aniline	6.36	93	424214	27.366	ng	#	78
8) 2-Chlorophenol	6.49	128	429618	39.088	ng		99
9) Benzaldehyde	6.25	77	260448	34.486	ng		97
10) Phenol	6.36	94	489562	34.779	ng		91
11) bis(2-Chloroethyl)ether	6.44	93	416975	38.463	ng		100
12) 1,3-Dichlorobenzene	6.64	146	454116	36.878	ng		99
13) 1,4-Dichlorobenzene	6.72	146	457874	36.833	ng		99
14) 1,2-Dichlorobenzene	6.87	146	402938	34.036	ng		98
15) Benzyl Alcohol	6.85	79	290351	35.947	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.98	45	565431	35.423	ng		99
17) 2-Methylphenol	6.97	107	353247	38.951	ng		98
18) Hexachloroethane	7.20	117	169915	36.709	ng		97
19) n-Nitroso-di-n-propylamine	7.12	70	274288	37.990	ng		99
20) 3+4-Methylphenols	7.12	107	415321m	46.513	ng		
22) Acetophenone	7.11	105	573633	36.325	ng		98
24) Nitrobenzene	7.29	77	437603	35.950	ng		95
25) Isophorone	7.53	82	812072	37.363	ng		100
26) 2-Nitrophenol	7.60	139	243651	39.028	ng		98
27) 2,4-Dimethylphenol	7.65	122	382809	42.973	ng		97
28) bis(2-Chloroethoxy)methane	7.74	93	525239	35.500	ng		99
29) 2,4-Dichlorophenol	7.85	162	361694	37.189	ng		99
30) 1,2,4-Trichlorobenzene	7.93	180	396562	35.656	ng		97
31) Naphthalene	8.00	128	1220932	36.318	ng		99
32) Benzoic acid	7.80	122	195531	31.007	ng		98
33) 4-Chloroaniline	8.06	127	354850	23.837	ng		99
34) Hexachlorobutadiene	8.12	225	228534	34.721	ng		97
35) Caprolactam	8.44	113	114713m	36.013	ng		
36) 4-Chloro-3-methylphenol	8.56	107	374330	38.055	ng		96
37) 2-Methylnaphthalene	8.70	142	815339	37.419	ng		100
38) 1-Methylnaphthalene	8.79	142	767743	37.057	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	380020	36.250	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	313604	75.879	ng		99
43) 2,4,6-Trichlorophenol	8.98	196	255158	35.603	ng		99
44) 2,4,5-Trichlorophenol	9.03	196	271233	36.785	ng		98
46) 1,1'-Biphenyl	9.16	154	979730	37.008	ng		99
47) 2-Chloronaphthalene	9.19	162	753050	34.527	ng		99
48) 2-Nitroaniline	9.29	65	237682	34.612	ng		99
49) Acenaphthylene	9.60	152	1181122	36.460	ng		100
50) Dimethylphthalate	9.46	163	899264	34.995	ng		99
51) 2,6-Dinitrotoluene	9.53	165	201807	36.773	ng	#	87
52) Acenaphthene	9.77	154	690956	35.103	ng		99
53) 3-Nitroaniline	9.70	138	153217	22.318	ng		96
54) 2,4-Dinitrophenol	9.82	184	194003	73.326	ng		99
55) Dibenzofuran	9.95	168	1004962	39.319	ng		99
56) 4-Nitrophenol	9.88	139	265104	62.614	ng		99
57) 2,4-Dinitrotoluene	9.94	165	236546	35.331	ng		97
58) Fluorene	10.29	166	765868	40.879	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.07	232	223095	35.394	ng		96
60) Diethylphthalate	10.16	149	871313	34.724	ng		99
61) 4-Chlorophenyl-phenylether	10.27	204	379882	40.150	ng		99
62) 4-Nitroaniline	10.32	138	221778	31.528	ng		99
63) Azobenzene	10.44	77	817845	35.091	ng		99
65) 4,6-Dinitro-2-methylphenol	10.35	198	142922	40.330	ng		98
66) n-Nitrosodiphenylamine	10.40	169	739749	36.191	ng		100
67) 4-Bromophenyl-phenylether	10.76	248	255794	34.799	ng		99
68) Hexachlorobenzene	10.83	284	290076	34.236	ng		98
69) Atrazine	10.93	200	213728	33.754	ng		98
70) Pentachlorophenol	11.03	266	283665	75.245	ng		100
71) Phenanthrene	11.25	178	1144383	33.368	ng		100
72) Anthracene	11.30	178	1204335	36.466	ng		100
73) Carbazole	11.46	167	1124684	35.683	ng		99
74) Di-n-butylphthalate	11.78	149	1319408	34.715	ng		99
75) Fluoranthene	12.43	202	1268001	34.063	ng		100
77) Benzidine	12.56	184	738743	52.618	ng		99
78) Pyrene	12.66	202	1305992	34.117	ng		100
80) Butylbenzylphthalate	13.28	149	565708	34.393	ng		100
81) Benzo(a)anthracene	13.85	228	1081947	34.183	ng		100
82) 3,3'-Dichlorobenzidine	13.81	252	334441	27.520	ng		99
83) Chrysene	13.89	228	1089919	33.669	ng		100
84) Bis(2-ethylhexyl)phthalate	13.84	149	696783	36.022	ng		100
85) Di-n-octyl phthalate	14.45	149	1294218	36.154	ng		100
87) Indeno(1,2,3-cd)pyrene	16.65	276	1239847	37.158	ng		100
88) Benzo(b)fluoranthene	14.87	252	1155372	32.718	ng		100
89) Benzo(k)fluoranthene	14.90	252	1086681	34.958	ng		100
90) Benzo(a)pyrene	15.22	252	1043927	34.213	ng		98
91) Dibenzo(a,h)anthracene	16.66	278	1016787	37.167	ng		99
92) Benzo(g,h,i)perylene	17.06	276	1050973	39.296	ng		99

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

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