Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032020\
Data File : BF119467.D
Acq On : 20 Mar 2020 12:30
Operator : CG/JU
Sample : PB127698BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB127698BS

Manual Integrations APPROVED
mohammad
3/23/2020 9:40:36 AM

Quant Time: Mar 23 04:17:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 15:11:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	448467	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1709059	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	900930	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	1654570	20.00	ng	0.00
76) Chrysene-d12	14.03	240	917209	20.00	ng	0.00
87) Perylene-d12	15.50	264	796209	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	2833288	100.57	ng	0.02
7) Phenol-d6	6.49	99	3605316	100.18	ng	0.02
23) Nitrobenzene-d5	7.42	82	2095184	66.63	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	985219	106.00	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	3683032	60.56	ng	0.00
79) Terphenyl-d14	12.98	244	3685005	78.71	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.66	88	389170	27.970	ng	98
3) Pyridine	3.42	79	985916	25.721	ng	99
4) n-Nitrosodimethylamine	3.37	42	674719	36.095	ng	99
6) Aniline	6.52	93	1452317	29.240	ng	99
8) 2-Chlorophenol	6.65	128	1150893	38.897	ng	99
9) Benzaldehyde	6.40	77	476445	20.870	ng	98
10) Phenol	6.50	94	1422290m	37.039	ng	
11) bis(2-Chloroethyl)ether	6.59	93	1147033	37.349	ng	95
12) 1,3-Dichlorobenzene	6.80	146	1201389	37.516	ng	98
13) 1,4-Dichlorobenzene	6.87	146	1197015	37.370	ng	99
14) 1,2-Dichlorobenzene	7.03	146	1125274	37.584	ng	99
15) Benzyl Alcohol	7.00	79	1052790	38.891	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	2225796	35.931	ng	97
17) 2-Methylphenol	7.11	107	979699	36.138	ng	98
18) Hexachloroethane	7.37	117	476247	40.571	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	843930	38.906	ng	99
20) 3+4-Methylphenols	7.26	107	1126851m	33.917	ng	
22) Acetophenone	7.27	105	1540104	37.713	ng	95
24) Nitrobenzene	7.44	77	1247632	37.124	ng	98
25) Isophorone	7.68	82	2391807	37.495	ng	99
26) 2-Nitrophenol	7.76	139	644439	48.702	ng	98
27) 2,4-Dimethylphenol	7.79	122	1103994	40.349	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	1470671	38.988	ng	98
29) 2,4-Dichlorophenol	8.00	162	968430	38.521	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	1039051	37.372	ng	98
31) Naphthalene	8.16	128	3233907	36.770	ng	98
32) Benzoic acid	7.91	122	429472	24.402	ng	96
33) 4-Chloroaniline	8.21	127	1075961	26.699	ng	98
34) Hexachlorobutadiene	8.28	225	592811	38.109	ng	97
35) Caprolactam	8.59	113	325178m	39.522	ng	
36) 4-Chloro-3-methylphenol	8.69	107	1063278	38.697	ng	98
37) 2-Methylnaphthalene	8.86	142	2223060	38.514	ng	100
38) 1-Methylnaphthalene	8.96	142	2089418	38.244	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	941430	35.651	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	972048	64.748	ng	98
43) 2,4,6-Trichlorophenol	9.13	196	723905	38.307	ng	99
44) 2,4,5-Trichlorophenol	9.17	196	741421	35.023	ng	98
46) 1,1'-Biphenyl	9.32	154	2612583	35.605	ng	99
47) 2-Chloronaphthalene	9.35	162	2043459	35.553	ng	98
48) 2-Nitroaniline	9.44	65	786963	39.668	ng	99
49) Acenaphthylene	9.76	152	3231923	35.807	ng	99
50) Dimethylphthalate	9.63	163	2389503	37.340	ng	99
51) 2,6-Dinitrotoluene	9.69	165	554316	40.412	ng	91
52) Acenaphthene	9.94	154	2095828	37.247	ng	99
53) 3-Nitroaniline	9.85	138	489855	28.288	ng	99
54) 2,4-Dinitrophenol	9.96	184	343409	59.873	ng	93
55) Dibenzofuran	10.11	168	2845300	35.269	ng	98
56) 4-Nitrophenol	10.02	139	946132	69.259	ng	91
57) 2,4-Dinitrotoluene	10.09	165	722649	41.822	ng	98
58) Fluorene	10.45	166	2143705	35.933	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	600387	37.942	ng	99
60) Diethylphthalate	10.33	149	2480538	38.192	ng	99
61) 4-Chlorophenyl-phenylether	10.45	204	1039145	35.619	ng	99
62) 4-Nitroaniline	10.47	138	579173	34.878	ng	96
63) Azobenzene	10.60	77	2354889	36.005	ng	98
65) 4,6-Dinitro-2-methylphenol	10.50	198	289323	41.701	ng	96
66) n-Nitrosodiphenylamine	10.56	169	2055660	37.846	ng	99
67) 4-Bromophenyl-phenylether	10.93	248	701949	37.252	ng	99
68) Hexachlorobenzene	11.00	284	749586	38.867	ng	93
69) Atrazine	11.09	200	650101	43.657	ng	98
70) Pentachlorophenol	11.19	266	697602	61.689	ng	98
71) Phenanthrene	11.42	178	3106144	36.205	ng	99
72) Anthracene	11.47	178	3197072	36.665	ng	99
73) Carbazole	11.62	167	2901344	33.617	ng	98
74) Di-n-butylphthalate	11.96	149	3691598	39.985	ng	98
75) Fluoranthene	12.60	202	3262363	35.136	ng	98
77) Benzidine	12.72	184	1401463	36.105	ng	99
78) Pyrene	12.84	202	3246790	43.133	ng	99
80) Butylbenzylphthalate	13.46	149	1508211	49.539	ng	100
81) Benzo(a)anthracene	14.03	228	2263374	37.948	ng	100
82) 3,3'-Dichlorobenzidine	13.99	252	787915	33.504	ng	98
83) Chrysene	14.06	228	2312244	37.563	ng	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	1909628	52.617	ng	99
85) Di-n-octyl phthalate	14.63	149	3029542	47.463	ng	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	2542401	43.855	ng	99
88) Benzo(b)fluoranthene	15.07	252	2290838	43.072	ng	100
89) Benzo(k)fluoranthene	15.11	252	1923360	37.978	ng	98
90) Benzo(a)pyrene	15.44	252	1950555	40.355	ng	98
91) Dibenzo(a,h)anthracene	17.01	278	2076608	49.119	ng	99
92) Benzo(g,h,i)perylene	17.44	276	2230622	52.519	ng	97

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

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