Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
Data File : BF118594.D
Acq On : 20 Jan 2020 16:31
Operator : CG/JU
Sample : PB126152BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB126152BS

Manual Integrations APPROVED
mohammad
1/21/2020 2:26:06 PM

Quant Time: Jan 21 01:55:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	456241	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	1706898	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	979455	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	1812665	20.00	ng		0.00
76) Chrysene-d12	14.04	240	1441750	20.00	ng		0.00
87) Perylene-d12	15.52	264	1236882	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	3077459	125.28	ng		0.01
7) Phenol-d6	6.51	99	3995913	125.15	ng		0.00
23) Nitrobenzene-d5	7.44	82	2327287	76.26	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	1436700	126.82	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	4310461	72.33	ng		0.00
79) Terphenyl-d14	12.99	244	4985061	75.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.77	88	475298	39.947	ng		100
3) Pyridine	3.52	79	1193199	35.580	ng		100
4) n-Nitrosodimethylamine	3.45	42	595792	41.440	ng		94
6) Aniline	6.55	93	1438874	34.224	ng		98
8) 2-Chlorophenol	6.67	128	1237627	44.886	ng		99
9) Benzaldehyde	6.43	77	667022	34.351	ng		97
10) Phenol	6.52	94	1582963	43.504	ng		98
11) bis(2-Chloroethyl)ether	6.62	93	1159113	42.936	ng		100
12) 1,3-Dichlorobenzene	6.82	146	1340703	41.543	ng		97
13) 1,4-Dichlorobenzene	6.90	146	1362100	42.045	ng		98
14) 1,2-Dichlorobenzene	7.05	146	1296917	42.586	ng		98
15) Benzyl Alcohol	7.02	79	1135857	44.860	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1541919	41.005	ng		100
17) 2-Methylphenol	7.13	107	1031756	44.923	ng		99
18) Hexachloroethane	7.40	117	486086	41.379	ng		95
19) n-Nitroso-di-n-propylamine	7.30	70	930475	43.159	ng		97
20) 3+4-Methylphenols	7.28	107	1288850	45.963	ng		89
22) Acetophenone	7.29	105	1671202	41.331	ng	#	94
24) Nitrobenzene	7.46	77	1354625	43.353	ng		99
25) Isophorone	7.70	82	2437421	43.791	ng		99
26) 2-Nitrophenol	7.77	139	613012	46.005	ng		94
27) 2,4-Dimethylphenol	7.82	122	1202012	52.240	ng		100
28) bis(2-Chloroethoxy)methane	7.91	93	1485924	41.432	ng		99
29) 2,4-Dichlorophenol	8.02	162	1126784	44.299	ng		99
30) 1,2,4-Trichlorobenzene	8.10	180	1210057	41.029	ng		99
31) Naphthalene	8.19	128	3389550	43.959	ng		99
32) Benzoic acid	7.93	122	741273	42.926	ng		98
33) 4-Chloroaniline	8.23	127	746150	20.937	ng		99
34) Hexachlorobutadiene	8.31	225	716675	39.903	ng		98
35) Caprolactam	8.60	113	361688m	43.451	ng		
36) 4-Chloro-3-methylphenol	8.71	107	1124196	44.757	ng		100
37) 2-Methylnaphthalene	8.88	142	2462277	45.241	ng		100
38) 1-Methylnaphthalene	8.98	142	2340803	45.270	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	1226956	40.036	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	1530781	99.002	ng		98
43) 2,4,6-Trichlorophenol	9.15	196	879666	43.256	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	906021	43.622	ng		99
46) 1,1'-Biphenyl	9.35	154	2897645	42.926	ng		99
47) 2-Chloronaphthalene	9.37	162	2371604	41.682	ng		99
48) 2-Nitroaniline	9.46	65	725795	41.497	ng		95
49) Acenaphthylene	9.79	152	3579613	44.721	ng		100
50) Dimethylphthalate	9.65	163	2714475	42.538	ng		100
51) 2,6-Dinitrotoluene	9.70	165	646459	45.240	ng		94
52) Acenaphthene	9.96	154	2482982	46.391	ng		99
53) 3-Nitroaniline	9.86	138	431374	26.438	ng		98
54) 2,4-Dinitrophenol	9.97	184	574460	100.699	ng	#	35
55) Dibenzofuran	10.13	168	3242892	43.721	ng		99
56) 4-Nitrophenol	10.03	139	1135237	92.164	ng		93
57) 2,4-Dinitrotoluene	10.10	165	841830	46.732	ng		96
58) Fluorene	10.47	166	2588052	44.446	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	795341	43.537	ng		98
60) Diethylphthalate	10.35	149	2648468	42.806	ng		99
61) 4-Chlorophenyl-phenylether	10.46	204	1379265	43.552	ng		99
62) 4-Nitroaniline	10.49	138	658270	39.330	ng		98
63) Azobenzene	10.62	77	2661601	44.419	ng		98
65) 4,6-Dinitro-2-methylphenol	10.51	198	394733	49.523	ng		98
66) n-Nitrosodiphenylamine	10.58	169	2390262	43.725	ng		99
67) 4-Bromophenyl-phenylether	10.95	248	932940	41.659	ng	#	94
68) Hexachlorobenzene	11.02	284	1047489	41.256	ng		96
69) Atrazine	11.11	200	862498	45.521	ng		97
70) Pentachlorophenol	11.21	266	1215406	86.099	ng		99
71) Phenanthrene	11.43	178	3740662	42.775	ng		99
72) Anthracene	11.49	178	3817024	44.111	ng		99
73) Carbazole	11.63	167	3416739	43.048	ng		99
74) Di-n-butylphthalate	11.97	149	3746098	42.481	ng		98
75) Fluoranthene	12.62	202	3952037	42.847	ng		99
77) Benzidine	12.73	184	2282810	59.259	ng		97
78) Pyrene	12.85	202	4026466	41.136	ng		100
80) Butylbenzylphthalate	13.47	149	1650956	41.213	ng		97
81) Benzo(a)anthracene	14.03	228	3640250	41.973	ng		99
82) 3,3'-Dichlorobenzidine	13.99	252	829313	26.835	ng		97
83) Chrysene	14.07	228	3458140	41.604	ng		98
84) Bis(2-ethylhexyl)phthalate	14.03	149	2098955	42.887	ng		99
85) Di-n-octyl phthalate	14.64	149	3352841	46.283	ng		100
86) Indeno(1,2,3-cd)pyrene	16.99	276	2854153	39.518	ng		100
88) Benzo(b)fluoranthene	15.09	252	3191272	41.047	ng		99
89) Benzo(k)fluoranthene	15.12	252	3147865	43.703	ng		98
90) Benzo(a)pyrene	15.45	252	2751818	41.031	ng		99
91) Dibenzo(a,h)anthracene	17.01	278	2394406	40.361	ng		98
92) Benzo(g,h,i)perylene	17.43	276	2341529	40.651	ng		98

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

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