Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
Data File : BF119291.D
Acq On : 9 Mar 2020 18:53
Operator : CG/JU
Sample : PB127239BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB127239BS

Manual Integrations APPROVED
mohammad
3/10/2020 2:44:22 PM

Quant Time: Mar 09 21:24:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 06 23:38:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	109768	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	438067	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	259066	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	490850	20.00	ng		0.00
76) Chrysene-d12	13.89	240	359328	20.00	ng		0.00
87) Perylene-d12	15.32	264	290599	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	871033	132.61	ng		0.01
7) Phenol-d6	6.39	99	1054534	132.01	ng		0.00
23) Nitrobenzene-d5	7.29	82	635984	76.65	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	419224	123.70	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	1297673	73.79	ng		0.00
79) Terphenyl-d14	12.83	244	1657328	79.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	108149	36.981	ng		99
3) Pyridine	3.18	79	254832	31.907	ng		98
4) n-Nitrosodimethylamine	3.11	42	108629	44.899	ng		96
6) Aniline	6.39	93	334649	33.951	ng	#	84
8) 2-Chlorophenol	6.52	128	360918	50.916	ng		100
9) Benzaldehyde	6.28	77	137208	25.708	ng		97
10) Phenol	6.40	94	428515	49.615	ng		94
11) bis(2-Chloroethyl)ether	6.46	93	320165	48.449	ng		97
12) 1,3-Dichlorobenzene	6.67	146	380477	44.783	ng		99
13) 1,4-Dichlorobenzene	6.74	146	388379	45.682	ng		99
14) 1,2-Dichlorobenzene	6.90	146	360225	46.459	ng		98
15) Benzyl Alcohol	6.88	79	299273	51.837	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	262999	45.943	ng	#	21
17) 2-Methylphenol	7.00	107	296963	51.673	ng		95
18) Hexachloroethane	7.23	117	139285	45.793	ng		95
19) n-Nitroso-di-n-propylamine	7.15	70	246679	52.995	ng		98
20) 3+4-Methylphenols	7.16	107	393446	55.880	ng	#	87
22) Acetophenone	7.14	105	494075	48.746	ng	#	95
24) Nitrobenzene	7.32	77	383012	46.682	ng		99
25) Isophorone	7.55	82	694508	48.200	ng		98
26) 2-Nitrophenol	7.63	139	204454	47.031	ng		96
27) 2,4-Dimethylphenol	7.67	122	318331	53.955	ng		96
28) bis(2-Chloroethoxy)methane	7.76	93	422351	45.033	ng		99
29) 2,4-Dichlorophenol	7.88	162	332346	47.850	ng		99
30) 1,2,4-Trichlorobenzene	7.95	180	350247	42.531	ng		98
31) Naphthalene	8.03	128	1048391	46.146	ng		99
32) Benzoic acid	7.85	122	162723	39.218	ng		99
33) 4-Chloroaniline	8.09	127	264470	27.065	ng		99
34) Hexachlorobutadiene	8.15	225	213242	41.571	ng		98
35) Caprolactam	8.47	113	108179m	50.583	ng		
36) 4-Chloro-3-methylphenol	8.59	107	362225	51.531	ng		97
37) 2-Methylnaphthalene	8.72	142	730211	47.760	ng		99
38) 1-Methylnaphthalene	8.82	142	684626	47.614	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	364175	41.693	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	128734	45.130	ng		99
43) 2,4,6-Trichlorophenol	9.01	196	233224	42.282	ng		97
44) 2,4,5-Trichlorophenol	9.06	196	241527	41.728	ng		99
46) 1,1'-Biphenyl	9.19	154	896199	42.803	ng		99
47) 2-Chloronaphthalene	9.21	162	718131	42.562	ng		99
48) 2-Nitroaniline	9.32	65	213112	45.284	ng		96
49) Acenaphthylene	9.63	152	1088052	44.649	ng		99
50) Dimethylphthalate	9.49	163	890418	44.947	ng		100
51) 2,6-Dinitrotoluene	9.56	165	199619	45.355	ng	#	84
52) Acenaphthene	9.80	154	651940	44.367	ng		100
53) 3-Nitroaniline	9.73	138	141396	28.979	ng		93
54) 2,4-Dinitrophenol	9.86	184	145393	69.093	ng		95
55) Dibenzofuran	9.97	168	970556	44.252	ng		99
56) 4-Nitrophenol	9.92	139	167961	57.293	ng		93
57) 2,4-Dinitrotoluene	9.97	165	253195	44.382	ng		88
58) Fluorene	10.31	166	794978	46.646	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	219866	45.018	ng		98
60) Diethylphthalate	10.19	149	874218	46.828	ng		99
61) 4-Chlorophenyl-phenylether	10.30	204	415315	46.038	ng		99
62) 4-Nitroaniline	10.35	138	185212	37.101	ng		96
63) Azobenzene	10.46	77	784138	48.323	ng		97
65) 4,6-Dinitro-2-methylphenol	10.39	198	134738	45.363	ng		98
66) n-Nitrosodiphenylamine	10.42	169	730427	45.447	ng		100
67) 4-Bromophenyl-phenylether	10.79	248	278703	43.438	ng		99
68) Hexachlorobenzene	10.87	284	317476	42.918	ng		95
69) Atrazine	10.95	200	267072	47.560	ng		99
70) Pentachlorophenol	11.07	266	213210	71.551	ng		98
71) Phenanthrene	11.27	178	1186739	44.333	ng		98
72) Anthracene	11.33	178	1230344	46.001	ng		98
73) Carbazole	11.48	167	1071008	44.948	ng		99
74) Di-n-butylphthalate	11.80	149	1364009	47.270	ng		99
75) Fluoranthene	12.46	202	1277547	44.962	ng		98
77) Benzidine	12.58	184	348903	23.875	ng		98
78) Pyrene	12.69	202	1284296	44.511	ng		99
80) Butylbenzylphthalate	13.30	149	569697	46.913	ng		100
81) Benzo(a)anthracene	13.88	228	1137102	46.444	ng		98
82) 3,3'-Dichlorobenzidine	13.83	252	339403	35.700	ng		98
83) Chrysene	13.92	228	1069428	43.837	ng		99
84) Bis(2-ethylhexyl)phthalate	13.86	149	813276	53.010	ng		99
85) Di-n-octyl phthalate	14.46	149	1288752	52.722	ng		99
86) Indeno(1,2,3-cd)pyrene	16.73	276	881228	37.306	ng		100
88) Benzo(b)fluoranthene	14.91	252	989732	51.670	ng		99
89) Benzo(k)fluoranthene	14.94	252	947489	53.376	ng		99
90) Benzo(a)pyrene	15.26	252	834666	48.281	ng		99
91) Dibenzo(a,h)anthracene	16.73	278	747197	49.122	ng		100
92) Benzo(g,h,i)perylene	17.14	276	724475	48.204	ng		97

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

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