Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
Data File : BF116990.D
Acq On : 12 Sep 2019 13:51
Operator : HP/JU
Sample : PB123013BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB123013BS

Manual Integrations APPROVED
mohammad
9/16/2019 8:59:28 AM

Quant Time: Sep 12 14:39:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 08:24:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	82929	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	334996	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	175373	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	278117	20.00	ng		0.00
76) Chrysene-d12	13.97	240	172748	20.00	ng		0.00
87) Perylene-d12	15.42	264	147052	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	641214	125.26	ng		0.02
7) Phenol-d6	6.47	99	822576	122.38	ng		0.00
23) Nitrobenzene-d5	7.39	82	497475	84.78	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	183274	156.32	ng		0.00
45) 2-Fluorobiphenyl	9.18	172	855943	82.33	ng		0.00
79) Terphenyl-d14	12.92	244	777581	83.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	107075	45.313	ng		98
3) Pyridine	3.40	79	259052	37.863	ng		97
4) n-Nitrosodimethylamine	3.36	42	99317	42.273	ng		88
6) Aniline	6.49	93	314252	33.755	ng	#	87
8) 2-Chlorophenol	6.62	128	275856	49.366	ng		99
9) Benzaldehyde	6.37	77	173873	39.264	ng		100
10) Phenol	6.48	94	350176	47.047	ng		92
11) bis(2-Chloroethyl)ether	6.56	93	258032	44.523	ng		99
12) 1,3-Dichlorobenzene	6.77	146	290961	46.070	ng		99
13) 1,4-Dichlorobenzene	6.85	146	299801	47.681	ng		99
14) 1,2-Dichlorobenzene	7.00	146	271917	46.666	ng		100
15) Benzyl Alcohol	6.97	79	250814	45.969	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	251835	37.037	ng		98
17) 2-Methylphenol	7.08	107	229551	46.926	ng		99
18) Hexachloroethane	7.34	117	112134	45.902	ng		99
19) n-Nitroso-di-n-propylamine	7.24	70	197323	44.585	ng		98
20) 3+4-Methylphenols	7.23	107	289816	50.955	ng		97
22) Acetophenone	7.23	105	406880	50.450	ng		99
24) Nitrobenzene	7.41	77	310824	52.081	ng		99
25) Isophorone	7.65	82	556667	46.815	ng		99
26) 2-Nitrophenol	7.72	139	143626	64.730	ng		98
27) 2,4-Dimethylphenol	7.76	122	241684	53.933	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	329645	45.365	ng		99
29) 2,4-Dichlorophenol	7.97	162	224320	52.089	ng		96
30) 1,2,4-Trichlorobenzene	8.05	180	225564	48.290	ng		99
31) Naphthalene	8.13	128	777571	48.814	ng		99
32) Benzoic acid	7.90	122	146460	57.884	ng		95
33) 4-Chloroaniline	8.17	127	186292	25.692	ng		97
34) Hexachlorobutadiene	8.25	225	124481	48.876	ng		98
35) Caprolactam	8.55	113	70076m	43.480	ng		
36) 4-Chloro-3-methylphenol	8.66	107	261507	52.834	ng		95
37) 2-Methylnaphthalene	8.82	142	538400	50.799	ng		98
38) 1-Methylnaphthalene	8.92	142	492300	49.205	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	203494	48.405	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	219393	90.371	ng		98
43) 2,4,6-Trichlorophenol	9.10	196	144281	50.066	ng		98
44) 2,4,5-Trichlorophenol	9.14	196	156714	52.380	ng		97
46) 1,1'-Biphenyl	9.28	154	620936	46.661	ng		99
47) 2-Chloronaphthalene	9.30	162	492501	46.727	ng		96
48) 2-Nitroaniline	9.40	65	155664	51.085	ng		99
49) Acenaphthylene	9.72	152	771044	48.394	ng		99
50) Dimethylphthalate	9.58	163	569147	47.007	ng		99
51) 2,6-Dinitrotoluene	9.64	165	125358	54.266	ng	#	79
52) Acenaphthene	9.89	154	446950	45.656	ng		99
53) 3-Nitroaniline	9.81	138	90924	31.408	ng		94
54) 2,4-Dinitrophenol	9.92	184	99014	116.186	ng	#	90
55) Dibenzofuran	10.06	168	676061	48.988	ng		99
56) 4-Nitrophenol	9.98	139	202058	101.791	ng		94
57) 2,4-Dinitrotoluene	10.05	165	170601	60.397	ng		97
58) Fluorene	10.40	166	540258	51.378	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	120191	55.663	ng		99
60) Diethylphthalate	10.28	149	571328	47.107	ng		99
61) 4-Chlorophenyl-phenylether	10.40	204	229993	49.948	ng		95
62) 4-Nitroaniline	10.43	138	142206	50.617	ng		97
63) Azobenzene	10.56	77	591197	46.748	ng		99
65) 4,6-Dinitro-2-methylphenol	10.46	198	69484	64.757	ng		96
66) n-Nitrosodiphenylamine	10.52	169	473034	49.167	ng		99
67) 4-Bromophenyl-phenylether	10.89	248	136292	48.240	ng		98
68) Hexachlorobenzene	10.96	284	141160	47.754	ng		98
69) Atrazine	11.04	200	130496	48.429	ng		96
70) Pentachlorophenol	11.15	266	156924	109.741	ng		100
71) Phenanthrene	11.37	178	754920	48.762	ng		99
72) Anthracene	11.42	178	765381	49.111	ng		99
73) Carbazole	11.57	167	711537	47.930	ng		99
74) Di-n-butylphthalate	11.90	149	853736	44.860	ng		99
75) Fluoranthene	12.55	202	732752	48.161	ng		99
77) Benzidine	12.67	184	308130	45.476	ng		99
78) Pyrene	12.78	202	742631	48.361	ng		100
80) Butylbenzylphthalate	13.39	149	337611	45.210	ng		92
81) Benzo(a)anthracene	13.96	228	532997	48.750	ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	138014	37.354	ng		99
83) Chrysene	14.00	228	525522	46.656	ng		99
84) Bis(2-ethylhexyl)phthalate	13.95	149	436003	47.298	ng		99
85) Di-n-octyl phthalate	14.56	149	679271	45.028	ng		99
86) Indeno(1,2,3-cd)pyrene	16.86	276	429255	47.445	ng		99
88) Benzo(b)fluoranthene	15.00	252	428234	48.167	ng		99
89) Benzo(k)fluoranthene	15.03	252	413804	51.048	ng		98
90) Benzo(a)pyrene	15.36	252	391562	50.623	ng		98
91) Dibenzo(a,h)anthracene	16.87	278	357582	52.816	ng		98
92) Benzo(g,h,i)perylene	17.29	276	363203	52.601	ng		96

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

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