Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092019\
Data File : BF117194.D
Acq On : 20 Sep 2019 19:10
Operator : HP/JU
Sample : PB123274BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB123274BS

Manual Integrations APPROVED
mohammad
9/24/2019 9:12:41 AM

Quant Time: Sep 21 01:03:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	38515	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	167251	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	91674	20.00	ng		0.00
64) Phenanthrene-d10	11.35	188	148268	20.00	ng		0.01
76) Chrysene-d12	13.99	240	99429	20.00	ng		0.01
87) Perylene-d12	15.43	264	67160	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	276555	112.10	ng		0.02
7) Phenol-d6	6.47	99	354632	111.23	ng		0.01
23) Nitrobenzene-d5	7.39	82	216748	68.09	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	95554	124.71	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	421604	71.91	ng		0.00
79) Terphenyl-d14	12.92	244	415539	78.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	36909	35.755	ng		98
3) Pyridine	3.44	79	81355	28.793	ng		94
4) n-Nitrosodimethylamine	3.39	42	44655	46.054	ng	#	76
6) Aniline	6.49	93	121940	29.707	ng	#	87
8) 2-Chlorophenol	6.61	128	117394	44.111	ng		98
9) Benzaldehyde	6.37	77	64743	40.840	ng		98
10) Phenol	6.48	94	147402	41.939	ng		86
11) bis(2-Chloroethyl)ether	6.56	93	110201	42.661	ng		98
12) 1,3-Dichlorobenzene	6.76	146	120433	40.327	ng		98
13) 1,4-Dichlorobenzene	6.83	146	123877	40.647	ng		97
14) 1,2-Dichlorobenzene	6.99	146	117723	41.488	ng		98
15) Benzyl Alcohol	6.97	79	111763	45.714	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	98173	38.467	ng		79
17) 2-Methylphenol	7.08	107	98187	44.021	ng		94
18) Hexachloroethane	7.33	117	48557	41.415	ng		95
19) n-Nitroso-di-n-propylamine	7.24	70	88578	45.627	ng		93
20) 3+4-Methylphenols	7.23	107	127471	45.882	ng	#	88
22) Acetophenone	7.23	105	180690	42.522	ng		94
24) Nitrobenzene	7.40	77	130654	41.563	ng		98
25) Isophorone	7.65	82	240852	42.734	ng		97
26) 2-Nitrophenol	7.72	139	60004	44.439	ng		95
27) 2,4-Dimethylphenol	7.76	122	102245	47.751	ng		97
28) bis(2-Chloroethoxy)methane	7.85	93	141528	40.758	ng		99
29) 2,4-Dichlorophenol	7.96	162	96999	43.234	ng		98
30) 1,2,4-Trichlorobenzene	8.05	180	97821	40.357	ng		97
31) Naphthalene	8.12	128	342371	42.564	ng		99
32) Benzoic acid	7.92	122	54433	35.636	ng		94
33) 4-Chloroaniline	8.17	127	85294	23.908	ng		97
34) Hexachlorobutadiene	8.24	225	58261	42.365	ng		94
35) Caprolactam	8.56	113	25239m	33.235	ng		
36) 4-Chloro-3-methylphenol	8.66	107	115875	44.294	ng		95
37) 2-Methylnaphthalene	8.82	142	240114	44.329	ng		99
38) 1-Methylnaphthalene	8.92	142	216716	42.719	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	98339	41.541	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	79636	76.487	ng		99
43) 2,4,6-Trichlorophenol	9.10	196	64897	40.397	ng		99
44) 2,4,5-Trichlorophenol	9.15	196	69176	40.303	ng		98
46) 1,1'-Biphenyl	9.28	154	288864	40.171	ng		98
47) 2-Chloronaphthalene	9.30	162	224231	39.511	ng		99
48) 2-Nitroaniline	9.40	65	68420	37.587	ng		93
49) Acenaphthylene	9.72	152	347378	40.860	ng		99
50) Dimethylphthalate	9.58	163	266117	40.998	ng		99
51) 2,6-Dinitrotoluene	9.65	165	56003	42.362	ng	#	77
52) Acenaphthene	9.89	154	203513	40.382	ng		99
53) 3-Nitroaniline	9.82	138	40664	24.379	ng		87
54) 2,4-Dinitrophenol	9.93	184	43104	76.025	ng		96
55) Dibenzofuran	10.06	168	316986	42.630	ng		97
56) 4-Nitrophenol	9.99	139	72008	66.611	ng		86
57) 2,4-Dinitrotoluene	10.06	165	76553	44.610	ng	#	89
58) Fluorene	10.41	166	262830	43.880	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.19	232	56349	42.901	ng	#	95
60) Diethylphthalate	10.28	149	279796	43.814	ng		98
61) 4-Chlorophenyl-phenylether	10.40	204	117327	45.273	ng		95
62) 4-Nitroaniline	10.44	138	58728	33.857	ng	#	79
63) Azobenzene	10.56	77	284196	43.574	ng		96
65) 4,6-Dinitro-2-methylphenol	10.47	198	31211	46.458	ng		85
66) n-Nitrosodiphenylamine	10.52	169	225273	43.994	ng		99
67) 4-Bromophenyl-phenylether	10.89	248	66890	44.176	ng		93
68) Hexachlorobenzene	10.96	284	69988	42.260	ng	#	91
69) Atrazine	11.05	200	62126	50.341	ng		98
70) Pentachlorophenol	11.16	266	66161	85.225	ng		98
71) Phenanthrene	11.37	178	351997	41.797	ng		99
72) Anthracene	11.42	178	363140	42.236	ng		99
73) Carbazole	11.57	167	321178	39.355	ng		99
74) Di-n-butylphthalate	11.90	149	457352	47.102	ng		99
75) Fluoranthene	12.56	202	356108	41.154	ng		98
77) Benzidine	12.67	184	89832	28.047	ng		98
78) Pyrene	12.79	202	345512	41.414	ng		99
80) Butylbenzylphthalate	13.39	149	176692	44.821	ng		97
81) Benzo(a)anthracene	13.97	228	265994	40.041	ng		98
82) 3,3'-Dichlorobenzidine	13.93	252	71203	33.262	ng		97
83) Chrysene	14.01	228	260357	40.184	ng		99
84) Bis(2-ethylhexyl)phthalate	13.95	149	261739	51.495	ng		97
85) Di-n-octyl phthalate	14.56	149	408629	51.079	ng		100
86) Indeno(1,2,3-cd)pyrene	16.89	276	176157	37.267	ng		97
88) Benzo(b)fluoranthene	15.02	252	206303	50.712	ng		97
89) Benzo(k)fluoranthene	15.04	252	205199	53.248	ng		98
90) Benzo(a)pyrene	15.37	252	182369	51.086	ng		98
91) Dibenzo(a,h)anthracene	16.90	278	151935	53.426	ng		97
92) Benzo(g,h,i)perylene	17.32	276	137851	48.644	ng		94

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

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