Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
Data File : BF117095.D
Acq On : 17 Sep 2019 9:57
Operator : HP/JU
Sample : PB123116BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB123116BS

Manual Integrations APPROVED
mohammad
9/19/2019 4:45:12 PM

Quant Time: Sep 17 18:02:19 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	67433	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	284476	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	150293	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	240029	20.00	ng		0.00
76) Chrysene-d12	13.97	240	142392	20.00	ng		0.00
87) Perylene-d12	15.43	264	112821	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	433463	100.36	ng		0.02
7) Phenol-d6	6.47	99	572031	102.48	ng		0.01
23) Nitrobenzene-d5	7.39	82	342524	63.26	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	131704	104.85	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	620549	64.56	ng		0.00
79) Terphenyl-d14	12.92	244	560607	73.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	68612	37.963	ng		97
3) Pyridine	3.41	79	167869	33.934	ng		97
4) n-Nitrosodimethylamine	3.36	42	63895	37.637	ng	#	99
6) Aniline	6.49	93	216622	30.142	ng	#	75
8) 2-Chlorophenol	6.62	128	192891	41.397	ng		97
9) Benzaldehyde	6.37	77	114691	41.468	ng		98
10) Phenol	6.48	94	241440	39.236	ng		95
11) bis(2-Chloroethyl)ether	6.56	93	175173	38.732	ng		98
12) 1,3-Dichlorobenzene	6.77	146	199409	38.138	ng		96
13) 1,4-Dichlorobenzene	6.84	146	203880	38.209	ng		99
14) 1,2-Dichlorobenzene	7.00	146	190689	38.384	ng		99
15) Benzyl Alcohol	6.97	79	177978	41.579	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	169537	37.942	ng		90
17) 2-Methylphenol	7.09	107	161419	41.335	ng		93
18) Hexachloroethane	7.33	117	80659	39.294	ng		98
19) n-Nitroso-di-n-propylamine	7.24	70	139374	41.005	ng		99
20) 3+4-Methylphenols	7.23	107	199560	41.026	ng		94
22) Acetophenone	7.23	105	281584	38.959	ng		99
24) Nitrobenzene	7.40	77	214646	40.145	ng		100
25) Isophorone	7.65	82	382943	39.947	ng		99
26) 2-Nitrophenol	7.72	139	100360	43.699	ng		96
27) 2,4-Dimethylphenol	7.76	122	169001	46.404	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	232915	39.435	ng		98
29) 2,4-Dichlorophenol	7.97	162	159449	41.783	ng		96
30) 1,2,4-Trichlorobenzene	8.05	180	159269	38.631	ng		99
31) Naphthalene	8.13	128	551478	40.308	ng		98
32) Benzoic acid	7.89	122	77885	31.025	ng		98
33) 4-Chloroaniline	8.17	127	141989	23.399	ng		99
34) Hexachlorobutadiene	8.25	225	88724	37.931	ng		99
35) Caprolactam	8.55	113	49502m	38.324	ng		
36) 4-Chloro-3-methylphenol	8.66	107	184175	41.391	ng		99
37) 2-Methylnaphthalene	8.82	142	378020	41.031	ng		98
38) 1-Methylnaphthalene	8.92	142	350507	40.621	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	145579	37.511	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	130199	76.299	ng		99
43) 2,4,6-Trichlorophenol	9.10	196	103054	39.128	ng		98
44) 2,4,5-Trichlorophenol	9.14	196	110711	39.344	ng		98
46) 1,1'-Biphenyl	9.28	154	450995	38.256	ng		98
47) 2-Chloronaphthalene	9.30	162	351918	37.824	ng		100
48) 2-Nitroaniline	9.40	65	111348	37.312	ng		94
49) Acenaphthylene	9.72	152	555545	39.858	ng		99
50) Dimethylphthalate	9.57	163	407965	38.337	ng		100
51) 2,6-Dinitrotoluene	9.64	165	91893	42.399	ng		93
52) Acenaphthene	9.89	154	316862	38.351	ng		98
53) 3-Nitroaniline	9.81	138	70306	25.711	ng		96
54) 2,4-Dinitrophenol	9.93	184	58127	64.162	ng	#	88
55) Dibenzofuran	10.06	168	484696	39.761	ng		99
56) 4-Nitrophenol	9.98	139	115866	65.377	ng		94
57) 2,4-Dinitrotoluene	10.05	165	119277	42.397	ng		95
58) Fluorene	10.40	166	392885	40.010	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.19	232	85744	39.819	ng		98
60) Diethylphthalate	10.27	149	412406	39.392	ng		97
61) 4-Chlorophenyl-phenylether	10.39	204	169370	39.865	ng		96
62) 4-Nitroaniline	10.42	138	102582	36.073	ng		97
63) Azobenzene	10.55	77	426287	39.867	ng		100
65) 4,6-Dinitro-2-methylphenol	10.46	198	44488	41.730	ng		82
66) n-Nitrosodiphenylamine	10.51	169	340546	41.081	ng		99
67) 4-Bromophenyl-phenylether	10.88	248	96369	39.314	ng		95
68) Hexachlorobenzene	10.96	284	102036	38.057	ng		99
69) Atrazine	11.03	200	95292	46.660	ng		98
70) Pentachlorophenol	11.15	266	94698	75.351	ng		97
71) Phenanthrene	11.36	178	548151	40.206	ng		100
72) Anthracene	11.42	178	556912	40.011	ng		98
73) Carbazole	11.57	167	507806	38.436	ng		99
74) Di-n-butylphthalate	11.89	149	621448	39.534	ng		99
75) Fluoranthene	12.55	202	530145	37.845	ng		100
77) Benzidine	12.66	184	233695	50.949	ng		99
78) Pyrene	12.77	202	529678	44.333	ng		99
80) Butylbenzylphthalate	13.39	149	238110	42.177	ng		96
81) Benzo(a)anthracene	13.96	228	368732	38.759	ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	83325	27.180	ng		99
83) Chrysene	14.00	228	367626	39.621	ng		99
84) Bis(2-ethylhexyl)phthalate	13.95	149	304407	41.820	ng		100
85) Di-n-octyl phthalate	14.56	149	467563	40.811	ng		100
86) Indeno(1,2,3-cd)pyrene	16.87	276	273666	40.427	ng		98
88) Benzo(b)fluoranthene	15.01	252	296572	43.397	ng		99
89) Benzo(k)fluoranthene	15.04	252	258726	39.966	ng		99
90) Benzo(a)pyrene	15.37	252	259138	43.212	ng		99
91) Dibenzo(a,h)anthracene	16.89	278	229914	48.126	ng		97
92) Benzo(g,h,i)perylene	17.31	276	226757	47.632	ng		97

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

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