Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092019\
Data File : BF117187.D
Acq On : 20 Sep 2019 16:04
Operator : HP/JU
Sample : PB123244BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB123244BSD

Manual Integrations APPROVED
mohammad
9/24/2019 9:12:32 AM

Quant Time: Sep 21 00:52:30 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	45271	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	183704	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	98243	20.00	ng		0.00
64) Phenanthrene-d10	11.35	188	157637	20.00	ng		0.01
76) Chrysene-d12	13.99	240	103446	20.00	ng		0.01
87) Perylene-d12	15.44	264	81001	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	245023	84.50	ng		0.02
7) Phenol-d6	6.47	99	331164	88.37	ng		0.01
23) Nitrobenzene-d5	7.39	82	304101	86.98	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	82969	101.05	ng		0.00
45) 2-Fluorobiphenyl	9.18	172	605883	96.43	ng		0.00
79) Terphenyl-d14	12.93	244	578662	104.56	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	32347	26.659	ng		96
3) Pyridine	3.42	79	83099	25.022	ng		96
4) n-Nitrosodimethylamine	3.38	42	47907	42.034	ng	#	76
6) Aniline	6.49	93	153707	31.858	ng	#	80
8) 2-Chlorophenol	6.61	128	134333	42.943	ng		98
9) Benzaldehyde	6.37	77	96739	55.267	ng		96
10) Phenol	6.48	94	170681	41.315	ng		87
11) bis(2-Chloroethyl)ether	6.56	93	124487	41.000	ng		100
12) 1,3-Dichlorobenzene	6.76	146	134760	38.391	ng		98
13) 1,4-Dichlorobenzene	6.84	146	139770	39.017	ng		99
14) 1,2-Dichlorobenzene	6.99	146	135585	40.653	ng		97
15) Benzyl Alcohol	6.97	79	129105	44.926	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	113895	37.968	ng		64
17) 2-Methylphenol	7.08	107	110793	42.260	ng	#	90
18) Hexachloroethane	7.33	117	54816	39.777	ng		96
19) n-Nitroso-di-n-propylamine	7.24	70	100884	44.211	ng		91
20) 3+4-Methylphenols	7.24	107	143684	43.999	ng	#	78
22) Acetophenone	7.23	105	201472	43.166	ng	#	92
24) Nitrobenzene	7.41	77	151056	43.750	ng		96
25) Isophorone	7.65	82	272344	43.994	ng		99
26) 2-Nitrophenol	7.72	139	68475	46.171	ng	#	93
27) 2,4-Dimethylphenol	7.76	122	118885	50.550	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	161339	42.302	ng		99
29) 2,4-Dichlorophenol	7.97	162	111214	45.130	ng		97
30) 1,2,4-Trichlorobenzene	8.05	180	110889	41.651	ng		99
31) Naphthalene	8.13	128	383589	43.417	ng		98
32) Benzoic acid	7.93	122	64031	37.697	ng		98
33) 4-Chloroaniline	8.17	127	69492	17.734	ng		98
34) Hexachlorobutadiene	8.25	225	67065	44.400	ng		98
35) Caprolactam	8.56	113	28506m	34.175	ng		
36) 4-Chloro-3-methylphenol	8.67	107	132137	45.986	ng		97
37) 2-Methylnaphthalene	8.82	142	272350	45.777	ng		98
38) 1-Methylnaphthalene	8.92	142	250045	44.874	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	110732	43.649	ng	#	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	123536	107.206	ng		99
43) 2,4,6-Trichlorophenol	9.10	196	74920	43.517	ng		99
44) 2,4,5-Trichlorophenol	9.15	196	81728	44.432	ng		97
46) 1,1'-Biphenyl	9.28	154	326848	42.414	ng		100
47) 2-Chloronaphthalene	9.31	162	253074	41.612	ng		99
48) 2-Nitroaniline	9.40	65	78023	39.996	ng		90
49) Acenaphthylene	9.72	152	397121	43.587	ng		99
50) Dimethylphthalate	9.58	163	309400	44.479	ng		98
51) 2,6-Dinitrotoluene	9.65	165	64842	45.769	ng		92
52) Acenaphthene	9.89	154	230116	42.608	ng		100
53) 3-Nitroaniline	9.82	138	36664	20.512	ng		95
54) 2,4-Dinitrophenol	9.93	184	48008	78.653	ng		88
55) Dibenzofuran	10.07	168	359897	45.165	ng		99
56) 4-Nitrophenol	10.00	139	82650	71.343	ng		87
57) 2,4-Dinitrotoluene	10.06	165	87222	47.429	ng	#	84
58) Fluorene	10.41	166	294564	45.890	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	63503m	45.115	ng		
60) Diethylphthalate	10.28	149	323398	47.256	ng		98
61) 4-Chlorophenyl-phenylether	10.40	204	135066	48.633	ng		98
62) 4-Nitroaniline	10.44	138	69451	37.361	ng	#	84
63) Azobenzene	10.56	77	324183	46.381	ng		96
65) 4,6-Dinitro-2-methylphenol	10.47	198	36303	50.177	ng	#	76
66) n-Nitrosodiphenylamine	10.52	169	255120	46.861	ng		99
67) 4-Bromophenyl-phenylether	10.89	248	76924	47.783	ng		98
68) Hexachlorobenzene	10.96	284	79688	45.257	ng		98
69) Atrazine	11.05	200	71589	56.681	ng		97
70) Pentachlorophenol	11.16	266	74414	90.159	ng		97
71) Phenanthrene	11.37	178	400397	44.719	ng		100
72) Anthracene	11.42	178	418141	45.743	ng		100
73) Carbazole	11.57	167	360870	41.591	ng		99
74) Di-n-butylphthalate	11.90	149	518217	50.198	ng		99
75) Fluoranthene	12.56	202	396631	43.112	ng		98
77) Benzidine	12.67	184	223586	67.097	ng		97
78) Pyrene	12.79	202	388853	44.799	ng		99
80) Butylbenzylphthalate	13.39	149	198247	48.336	ng		95
81) Benzo(a)anthracene	13.97	228	292660	42.345	ng		98
82) 3,3'-Dichlorobenzidine	13.93	252	50114	22.501	ng		98
83) Chrysene	14.02	228	285258	42.318	ng		97
84) Bis(2-ethylhexyl)phthalate	13.95	149	295028	55.790	ng		97
85) Di-n-octyl phthalate	14.57	149	447816	53.803	ng		100
86) Indeno(1,2,3-cd)pyrene	16.90	276	198631	40.390	ng		97
88) Benzo(b)fluoranthene	15.02	252	206656	42.119	ng		99
89) Benzo(k)fluoranthene	15.05	252	226795	48.796	ng		97
90) Benzo(a)pyrene	15.39	252	200316	46.525	ng		98
91) Dibenzo(a,h)anthracene	16.91	278	168984	49.267	ng		97
92) Benzo(g,h,i)perylene	17.33	276	155038	45.360	ng		98

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

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