Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
Data File : BF116005.D
Acq On : 6 Aug 2019 11:36
Operator : HP/JU
Sample : PB121978BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121978BS

Manual Integrations APPROVED
mohammad
8/7/2019 4:41:37 PM

Quant Time: Aug 07 01:47:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	155992	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	632204	20.00	ng		-0.01
39) Acenaphthene-d10	9.88	164	337322	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	576012	20.00	ng		-0.02
76) Chrysene-d12	14.00	240	408726	20.00	ng		-0.02
87) Perylene-d12	15.46	264	343138	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	965138	103.58	ng		0.01
7) Phenol-d6	6.49	99	1237379	105.25	ng		0.00
23) Nitrobenzene-d5	7.41	82	804862	73.49	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	347312	106.20	ng		-0.01
45) 2-Fluorobiphenyl	9.20	172	1408986	78.24	ng		-0.02
79) Terphenyl-d14	12.94	244	1518146	78.27	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	174819	37.137	ng		99
3) Pyridine	3.46	79	378400	28.776	ng		99
4) n-Nitrosodimethylamine	3.40	42	178074	34.315	ng		97
6) Aniline	6.51	93	457813	27.191	ng		98
8) 2-Chlorophenol	6.63	128	402796	39.091	ng		99
9) Benzaldehyde	6.39	77	144486	17.812	ng		94
10) Phenol	6.50	94	511661	36.958	ng		91
11) bis(2-Chloroethyl)ether	6.58	93	389585	38.275	ng		98
12) 1,3-Dichlorobenzene	6.79	146	425943	35.769	ng		99
13) 1,4-Dichlorobenzene	6.86	146	437054	36.655	ng		98
14) 1,2-Dichlorobenzene	7.02	146	402338	36.646	ng		99
15) Benzyl Alcohol	6.99	79	340054	38.114	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	524227	37.759	ng		92
17) 2-Methylphenol	7.10	107	341221	39.109	ng		99
18) Hexachloroethane	7.36	117	160723	36.612	ng		97
19) n-Nitroso-di-n-propylamine	7.26	70	278000	38.159	ng		97
20) 3+4-Methylphenols	7.25	107	407254	39.444	ng	#	82
22) Acetophenone	7.25	105	549163	39.608	ng		99
24) Nitrobenzene	7.43	77	451752	38.200	ng		97
25) Isophorone	7.66	82	817478	39.034	ng		99
26) 2-Nitrophenol	7.75	139	223050	40.012	ng		95
27) 2,4-Dimethylphenol	7.78	122	361713	43.129	ng		98
28) bis(2-Chloroethoxy)methane	7.87	93	502328	38.699	ng		100
29) 2,4-Dichlorophenol	7.99	162	351298	39.671	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	378790	37.525	ng		100
31) Naphthalene	8.15	128	1165394	39.173	ng		100
32) Benzoic acid	7.92	122	203924	34.488	ng		99
33) 4-Chloroaniline	8.19	127	327018	24.602	ng		98
34) Hexachlorobutadiene	8.26	225	216492	37.235	ng		99
35) Caprolactam	8.57	113	104571m	36.512	ng		
36) 4-Chloro-3-methylphenol	8.68	107	364459	39.562	ng		95
37) 2-Methylnaphthalene	8.84	142	776783	39.646	ng		99
38) 1-Methylnaphthalene	8.94	142	731589	39.469	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	358605	39.766	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	199619	51.580	ng		99
43) 2,4,6-Trichlorophenol	9.12	196	229415	36.959	ng		99
44) 2,4,5-Trichlorophenol	9.17	196	245938	38.330	ng		98
46) 1,1'-Biphenyl	9.30	154	939138	39.435	ng		99
47) 2-Chloronaphthalene	9.33	162	741984	37.434	ng		98
48) 2-Nitroaniline	9.42	65	236245	36.059	ng		88
49) Acenaphthylene	9.75	152	1126571	38.959	ng		99
50) Dimethylphthalate	9.60	163	889988	38.749	ng		99
51) 2,6-Dinitrotoluene	9.66	165	193247	38.717	ng	#	84
52) Acenaphthene	9.92	154	676372	38.127	ng		99
53) 3-Nitroaniline	9.83	138	149066	24.170	ng		90
54) 2,4-Dinitrophenol	9.95	184	159434	64.482	ng		96
55) Dibenzofuran	10.09	168	1009401	39.126	ng		97
56) 4-Nitrophenol	10.01	139	266895	67.554	ng		99
57) 2,4-Dinitrotoluene	10.07	165	255187	38.400	ng		96
58) Fluorene	10.43	166	779686	39.281	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.21	232	206915	38.330	ng		99
60) Diethylphthalate	10.30	149	852239	39.744	ng		100
61) 4-Chlorophenyl-phenylether	10.42	204	400187	39.810	ng		99
62) 4-Nitroaniline	10.45	138	208678	32.741	ng		99
63) Azobenzene	10.58	77	870852	39.484	ng		97
65) 4,6-Dinitro-2-methylphenol	10.49	198	119391	39.113	ng		95
66) n-Nitrosodiphenylamine	10.54	169	701704	40.473	ng		99
67) 4-Bromophenyl-phenylether	10.90	248	244533	39.657	ng		98
68) Hexachlorobenzene	10.98	284	273225	38.319	ng		96
69) Atrazine	11.06	200	219030	38.402	ng		99
70) Pentachlorophenol	11.18	266	249356	72.033	ng		99
71) Phenanthrene	11.39	178	1144152	38.855	ng		100
72) Anthracene	11.45	178	1184615	39.750	ng		99
73) Carbazole	11.60	167	1065910	39.423	ng		99
74) Di-n-butylphthalate	11.92	149	1332830	42.258	ng		100
75) Fluoranthene	12.58	202	1185694	38.462	ng		98
77) Benzidine	12.70	184	386297	27.975	ng		97
78) Pyrene	12.81	202	1203153	39.050	ng		100
80) Butylbenzylphthalate	13.42	149	559633	42.940	ng		98
81) Benzo(a)anthracene	13.99	228	997198	38.171	ng		99
82) 3,3'-Dichlorobenzidine	13.95	252	313974	34.594	ng	#	99
83) Chrysene	14.03	228	971473	38.303	ng		99
84) Bis(2-ethylhexyl)phthalate	13.97	149	793307	46.841	ng		100
85) Di-n-octyl phthalate	14.58	149	1253409	46.594	ng		100
86) Indeno(1,2,3-cd)pyrene	16.94	276	816719	38.340	ng		99
88) Benzo(b)fluoranthene	15.04	252	889937	44.854	ng		99
89) Benzo(k)fluoranthene	15.07	252	824015	42.640	ng		99
90) Benzo(a)pyrene	15.41	252	792811	44.701	ng		99
91) Dibenzo(a,h)anthracene	16.94	278	696987	45.399	ng		99
92) Benzo(g,h,i)perylene	17.37	276	670108	44.444	ng		99

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

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