Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116765.D
Acq On : 3 Sep 2019 11:57
Operator : HP/JU
Sample : PB122720BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB122720BS

Manual Integrations APPROVED
mohammad
9/6/2019 8:18:01 AM

Quant Time: Sep 03 13:21:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	152150	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	640407	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	337032	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	547347	20.00	ng		0.00
76) Chrysene-d12	14.00	240	356252	20.00	ng		0.00
87) Perylene-d12	15.46	264	342488	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1041432	110.89	ng		0.02
7) Phenol-d6	6.49	99	1352998	109.71	ng		0.00
23) Nitrobenzene-d5	7.41	82	789375	70.37	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	290353	128.87	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	1365859	68.36	ng		0.00
79) Terphenyl-d14	12.94	244	1295298	67.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	188496	43.478	ng		99
3) Pyridine	3.45	79	470285	37.465	ng		95
4) n-Nitrosodimethylamine	3.39	42	170147	39.473	ng	#	75
6) Aniline	6.51	93	573997	33.605	ng		98
8) 2-Chlorophenol	6.64	128	471794	46.018	ng		99
9) Benzaldehyde	6.40	77	327775	40.343	ng		93
10) Phenol	6.50	94	589295	43.153	ng		97
11) bis(2-Chloroethyl)ether	6.59	93	453286	42.630	ng		98
12) 1,3-Dichlorobenzene	6.79	146	480311	41.452	ng		97
13) 1,4-Dichlorobenzene	6.87	146	491630	42.617	ng		98
14) 1,2-Dichlorobenzene	7.02	146	456229	42.675	ng		97
15) Benzyl Alcohol	6.99	79	430003	42.955	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	512329	41.068	ng		99
17) 2-Methylphenol	7.10	107	397777	44.321	ng		96
18) Hexachloroethane	7.36	117	185567	41.403	ng		90
19) n-Nitroso-di-n-propylamine	7.26	70	334393	41.182	ng		92
20) 3+4-Methylphenols	7.26	107	470449	45.083	ng	#	79
22) Acetophenone	7.26	105	649105	42.101	ng	#	96
24) Nitrobenzene	7.43	77	515562	45.188	ng		95
25) Isophorone	7.67	82	954349	41.983	ng		99
26) 2-Nitrophenol	7.75	139	246331	58.073	ng		93
27) 2,4-Dimethylphenol	7.79	122	429062	50.086	ng		93
28) bis(2-Chloroethoxy)methane	7.88	93	594175	42.774	ng		99
29) 2,4-Dichlorophenol	7.99	162	385063	46.772	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	376666	42.182	ng		97
31) Naphthalene	8.16	128	1327176	43.583	ng		99
32) Benzoic acid	7.91	122	277276	57.324	ng		92
33) 4-Chloroaniline	8.20	127	346249	24.979	ng		95
34) Hexachlorobutadiene	8.27	225	199424	40.960	ng		100
35) Caprolactam	8.57	113	135035m	43.828	ng		
36) 4-Chloro-3-methylphenol	8.68	107	441874	46.699	ng		98
37) 2-Methylnaphthalene	8.85	142	900157	44.427	ng		96
38) 1-Methylnaphthalene	8.95	142	843560	44.104	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	327578	40.545	ng	#	96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	407411	87.324	ng		98
43) 2,4,6-Trichlorophenol	9.12	196	261981	47.303	ng		95
44) 2,4,5-Trichlorophenol	9.16	196	272290	47.357	ng		96
46) 1,1'-Biphenyl	9.31	154	1063866	41.599	ng		98
47) 2-Chloronaphthalene	9.33	162	840303	41.484	ng		100
48) 2-Nitroaniline	9.42	65	276464	47.210	ng		96
49) Acenaphthylene	9.75	152	1331216	43.476	ng		99
50) Dimethylphthalate	9.61	163	981853	42.197	ng		98
51) 2,6-Dinitrotoluene	9.67	165	229249	51.639	ng	#	80
52) Acenaphthene	9.92	154	866819	46.074	ng		99
53) 3-Nitroaniline	9.83	138	195509	35.141	ng		97
54) 2,4-Dinitrophenol	9.94	184	172646	106.254	ng		88
55) Dibenzofuran	10.09	168	1146808	43.240	ng		98
56) 4-Nitrophenol	10.00	139	385463	101.044	ng		87
57) 2,4-Dinitrotoluene	10.07	165	300915	55.433	ng		98
58) Fluorene	10.43	166	885866	43.836	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	209619	50.515	ng		98
60) Diethylphthalate	10.31	149	998533	42.841	ng		100
61) 4-Chlorophenyl-phenylether	10.42	204	382983	43.278	ng		93
62) 4-Nitroaniline	10.45	138	255298	47.284	ng		92
63) Azobenzene	10.59	77	1041350	42.847	ng		92
65) 4,6-Dinitro-2-methylphenol	10.48	198	126609	60.508	ng		86
66) n-Nitrosodiphenylamine	10.55	169	824440	43.541	ng		98
67) 4-Bromophenyl-phenylether	10.92	248	234901	42.246	ng		92
68) Hexachlorobenzene	10.99	284	244380	42.007	ng		94
69) Atrazine	11.07	200	233369	44.006	ng		98
70) Pentachlorophenol	11.17	266	289024	102.702	ng		99
71) Phenanthrene	11.39	178	1284058	42.143	ng		99
72) Anthracene	11.44	178	1319980	43.037	ng		100
73) Carbazole	11.60	167	1230982	42.134	ng		99
74) Di-n-butylphthalate	11.93	149	1554608	41.507	ng		99
75) Fluoranthene	12.58	202	1283333	42.859	ng		99
77) Benzidine	12.69	184	621574	44.484	ng		100
78) Pyrene	12.81	202	1294208	40.867	ng		98
80) Butylbenzylphthalate	13.42	149	648327	42.098	ng		95
81) Benzo(a)anthracene	13.99	228	972622	43.137	ng		99
82) 3,3'-Dichlorobenzidine	13.95	252	270512	35.502	ng		96
83) Chrysene	14.03	228	978748	42.135	ng		97
84) Bis(2-ethylhexyl)phthalate	13.98	149	865501	45.528	ng		97
85) Di-n-octyl phthalate	14.59	149	1505449	48.391	ng		96
86) Indeno(1,2,3-cd)pyrene	16.91	276	768138	41.169	ng	#	93
88) Benzo(b)fluoranthene	15.03	252	873694	42.195	ng		97
89) Benzo(k)fluoranthene	15.06	252	853097m	45.186	ng		
90) Benzo(a)pyrene	15.40	252	802104	44.525	ng		99
91) Dibenzo(a,h)anthracene	16.92	278	631307	40.036	ng	#	94
92) Benzo(g,h,i)perylene	17.34	276	632173	39.310	ng	#	92

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

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