Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
Data File : BF114617.D
Acq On : 25 May 2019 21:08
Operator : JU/SJ
Sample : PB119929BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB119929BS

Manual Integrations APPROVED
mohammad
5/27/2019 3:50:19 AM

Quant Time: May 27 01:05:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 07:23:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	141046	20.00	ng		-0.02
21) Naphthalene-d8	8.08	136	530843	20.00	ng		-0.02
39) Acenaphthene-d10	9.84	164	248578	20.00	ng		-0.01
64) Phenanthrene-d10	11.33	188	478330	20.00	ng		-0.01
76) Chrysene-d12	13.97	240	350782	20.00	ng		-0.02
87) Perylene-d12	15.43	264	335688	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1136883	129.71	ng		0.00
7) Phenol-d6	6.45	99	1426959	137.65	ng		-0.01
23) Nitrobenzene-d5	7.37	82	861498	91.08	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	330579	128.64	ng		-0.01
45) 2-Fluorobiphenyl	9.16	172	1516782	92.30	ng		-0.02
79) Terphenyl-d14	12.90	244	1527996	89.80	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	212898	44.192	ng		99
3) Pyridine	3.36	79	403020	30.363	ng		99
4) n-Nitrosodimethylamine	3.31	42	222250	34.722	ng		100
6) Aniline	6.47	93	411655	27.491	ng	#	58
8) 2-Chlorophenol	6.59	128	414350	44.284	ng		95
9) Benzaldehyde	6.35	77	199925	27.549	ng		96
10) Phenol	6.46	94	503680	41.304	ng		87
11) bis(2-Chloroethyl)ether	6.53	93	393873	42.544	ng		99
12) 1,3-Dichlorobenzene	6.74	146	428549	40.803	ng		98
13) 1,4-Dichlorobenzene	6.82	146	445077	42.053	ng		97
14) 1,2-Dichlorobenzene	6.97	146	403713	41.752	ng		99
15) Benzyl Alcohol	6.95	79	322105	39.840	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	691311	38.512	ng		57
17) 2-Methylphenol	7.07	107	321467	41.824	ng	#	90
18) Hexachloroethane	7.30	117	159771	40.217	ng		95
19) n-Nitroso-di-n-propylamine	7.22	70	276180	42.033	ng		97
20) 3+4-Methylphenols	7.22	107	425841	47.953	ng	#	67
22) Acetophenone	7.21	105	548822	46.669	ng	#	89
24) Nitrobenzene	7.39	77	426279	44.247	ng		98
25) Isophorone	7.62	82	760881	43.373	ng		99
26) 2-Nitrophenol	7.70	139	218600	46.768	ng		99
27) 2,4-Dimethylphenol	7.75	122	353258	48.121	ng		100
28) bis(2-Chloroethoxy)methane	7.83	93	483031	42.436	ng		98
29) 2,4-Dichlorophenol	7.95	162	333278	45.592	ng		100
30) 1,2,4-Trichlorobenzene	8.03	180	359171	43.209	ng		97
31) Naphthalene	8.10	128	1147555	46.279	ng		98
32) Benzoic acid	7.90	122	184372m	37.092	ng		
33) 4-Chloroaniline	8.16	127	299270	26.485	ng		98
34) Hexachlorobutadiene	8.22	225	197669	41.794	ng		98
35) Caprolactam	8.53	113	108364m	45.462	ng		
36) 4-Chloro-3-methylphenol	8.66	107	348087	47.306	ng		100
37) 2-Methylnaphthalene	8.80	142	763696	47.735	ng		98
38) 1-Methylnaphthalene	8.90	142	727102	48.261	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	349049	46.355	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	147375	44.064	ng		99
43) 2,4,6-Trichlorophenol	9.09	196	212148	40.961	ng		99
44) 2,4,5-Trichlorophenol	9.13	196	222293	41.850	ng		95
46) 1,1'-Biphenyl	9.26	154	929383	46.280	ng		99
47) 2-Chloronaphthalene	9.29	162	700666	43.354	ng		98
48) 2-Nitroaniline	9.39	65	234559	40.923	ng		91
49) Acenaphthylene	9.70	152	1114882	45.356	ng		97
50) Dimethylphthalate	9.56	163	772128	42.313	ng		99
51) 2,6-Dinitrotoluene	9.63	165	175870	43.453	ng		97
52) Acenaphthene	9.87	154	655500	43.457	ng		100
53) 3-Nitroaniline	9.80	138	134993	26.869	ng		98
54) 2,4-Dinitrophenol	9.93	184	136848	68.317	ng		91
55) Dibenzofuran	10.05	168	942744	42.623	ng		99
56) 4-Nitrophenol	9.99	139	170096	47.873	ng		97
57) 2,4-Dinitrotoluene	10.04	165	216521	39.414	ng	#	73
58) Fluorene	10.39	166	778961	45.595	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	189221	41.287	ng		98
60) Diethylphthalate	10.26	149	774597	41.777	ng		98
61) 4-Chlorophenyl-phenylether	10.37	204	364150	43.398	ng		97
62) 4-Nitroaniline	10.42	138	189649	35.922	ng		96
63) Azobenzene	10.54	77	747998	41.679	ng		96
65) 4,6-Dinitro-2-methylphenol	10.46	198	97874	42.583	ng		80
66) n-Nitrosodiphenylamine	10.50	169	679779	46.825	ng		99
67) 4-Bromophenyl-phenylether	10.86	248	227653	43.226	ng		97
68) Hexachlorobenzene	10.95	284	243951	41.871	ng		93
69) Atrazine	11.02	200	195719	43.322	ng		97
70) Pentachlorophenol	11.15	266	146728	53.126	ng		98
71) Phenanthrene	11.35	178	1086225	46.676	ng		97
72) Anthracene	11.40	178	1116197	47.754	ng		98
73) Carbazole	11.56	167	1050281	47.120	ng		98
74) Di-n-butylphthalate	11.88	149	1173154	45.685	ng		99
75) Fluoranthene	12.54	202	1167111	46.572	ng		99
77) Benzidine	12.66	184	579847	36.825	ng		97
78) Pyrene	12.77	202	1182244	41.896	ng		99
80) Butylbenzylphthalate	13.37	149	511915	43.100	ng		100
81) Benzo(a)anthracene	13.96	228	985866	43.452	ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	286378	32.538	ng		100
83) Chrysene	14.00	228	984835	44.280	ng		99
84) Bis(2-ethylhexyl)phthalate	13.93	149	689030	44.356	ng		99
85) Di-n-octyl phthalate	14.54	149	1151725	45.736	ng		98
86) Indeno(1,2,3-cd)pyrene	16.89	276	910460	46.319	ng		100
88) Benzo(b)fluoranthene	15.00	252	915970	42.591	ng		99
89) Benzo(k)fluoranthene	15.03	252	964534	48.824	ng		97
90) Benzo(a)pyrene	15.37	252	895423	47.309	ng		98
91) Dibenzo(a,h)anthracene	16.89	278	758489	48.227	ng		99
92) Benzo(g,h,i)perylene	17.33	276	787623	49.972	ng		99

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

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