Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
Data File : BF114613.D
Acq On : 25 May 2019 19:23
Operator : JU/SJ
Sample : PB119919BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB119919BS

Manual Integrations APPROVED
mohammad
5/27/2019 3:50:10 AM

Quant Time: May 27 00:51:30 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	140766	20.00	ng		-0.02
21) Naphthalene-d8	8.08	136	536472	20.00	ng		-0.02
39) Acenaphthene-d10	9.84	164	259687	20.00	ng		-0.01
64) Phenanthrene-d10	11.33	188	510510	20.00	ng		-0.01
76) Chrysene-d12	13.97	240	348611	20.00	ng		-0.02
87) Perylene-d12	15.43	264	366137	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1129155	129.09	ng		0.00
7) Phenol-d6	6.45	99	1441120	139.30	ng		-0.01
23) Nitrobenzene-d5	7.37	82	862495	90.23	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	346941	129.23	ng		-0.01
45) 2-Fluorobiphenyl	9.16	172	1563133	91.05	ng		-0.02
79) Terphenyl-d14	12.90	244	1569652	92.82	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	210288	43.737	ng		99
3) Pyridine	3.36	79	396051	29.897	ng		99
4) n-Nitrosodimethylamine	3.30	42	218897	34.267	ng		98
6) Aniline	6.47	93	416837	27.892	ng	#	52
8) 2-Chlorophenol	6.59	128	410842	43.996	ng		96
9) Benzaldehyde	6.35	77	197421	27.258	ng		97
10) Phenol	6.46	94	502298	41.272	ng		85
11) bis(2-Chloroethyl)ether	6.53	93	391183	42.338	ng		99
12) 1,3-Dichlorobenzene	6.74	146	420274	40.094	ng		98
13) 1,4-Dichlorobenzene	6.82	146	435325	41.214	ng		98
14) 1,2-Dichlorobenzene	6.97	146	398887	41.335	ng		99
15) Benzyl Alcohol	6.95	79	325494	40.339	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	691537	38.601	ng		60
17) 2-Methylphenol	7.07	107	329287	42.927	ng	#	90
18) Hexachloroethane	7.30	117	157641	39.760	ng		95
19) n-Nitroso-di-n-propylamine	7.22	70	272573	41.566	ng		99
20) 3+4-Methylphenols	7.22	107	427255	48.208	ng	#	69
22) Acetophenone	7.21	105	549764	46.259	ng	#	89
24) Nitrobenzene	7.39	77	427695	43.928	ng		96
25) Isophorone	7.62	82	766929	43.259	ng		99
26) 2-Nitrophenol	7.70	139	221225	46.833	ng		98
27) 2,4-Dimethylphenol	7.75	122	360757	48.626	ng		100
28) bis(2-Chloroethoxy)methane	7.83	93	486531	42.295	ng		99
29) 2,4-Dichlorophenol	7.96	162	343599	46.511	ng		97
30) 1,2,4-Trichlorobenzene	8.03	180	359608	42.808	ng		99
31) Naphthalene	8.10	128	1159324	46.263	ng		98
32) Benzoic acid	7.90	122	190287m	37.731	ng		
33) 4-Chloroaniline	8.16	127	303536	26.581	ng		98
34) Hexachlorobutadiene	8.22	225	199807	41.802	ng		99
35) Caprolactam	8.53	113	111471m	46.275	ng		
36) 4-Chloro-3-methylphenol	8.66	107	357208	48.037	ng		99
37) 2-Methylnaphthalene	8.80	142	771408	47.711	ng		98
38) 1-Methylnaphthalene	8.90	142	741647	48.709	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	357498	45.446	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	152809	43.766	ng		99
43) 2,4,6-Trichlorophenol	9.09	196	217443	40.187	ng		99
44) 2,4,5-Trichlorophenol	9.13	196	224649	40.485	ng		97
46) 1,1'-Biphenyl	9.26	154	961536	45.833	ng		99
47) 2-Chloronaphthalene	9.29	162	726206	43.012	ng		99
48) 2-Nitroaniline	9.39	65	244950	40.908	ng		97
49) Acenaphthylene	9.70	152	1156707	45.044	ng		97
50) Dimethylphthalate	9.56	163	812213	42.606	ng		100
51) 2,6-Dinitrotoluene	9.63	165	183642	43.432	ng		95
52) Acenaphthene	9.87	154	676840	42.952	ng		99
53) 3-Nitroaniline	9.80	138	148988	28.386	ng		97
54) 2,4-Dinitrophenol	9.93	184	149190	70.999	ng		93
55) Dibenzofuran	10.05	168	981476	42.476	ng		99
56) 4-Nitrophenol	9.99	139	186263	50.181	ng		99
57) 2,4-Dinitrotoluene	10.05	165	230091	40.093	ng	#	80
58) Fluorene	10.39	166	810725	45.424	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	191601	40.018	ng		100
60) Diethylphthalate	10.26	149	820616	42.366	ng		98
61) 4-Chlorophenyl-phenylether	10.37	204	380621	43.420	ng		98
62) 4-Nitroaniline	10.42	138	201410	36.518	ng		97
63) Azobenzene	10.54	77	794082	42.354	ng		96
65) 4,6-Dinitro-2-methylphenol	10.46	198	107370	43.770	ng		80
66) n-Nitrosodiphenylamine	10.50	169	711273	45.906	ng		99
67) 4-Bromophenyl-phenylether	10.86	248	235941	41.975	ng		96
68) Hexachlorobenzene	10.94	284	255657	41.114	ng		92
69) Atrazine	11.02	200	207599	43.055	ng		98
70) Pentachlorophenol	11.14	266	165058	55.995	ng		99
71) Phenanthrene	11.35	178	1130480	45.516	ng		99
72) Anthracene	11.40	178	1184468	47.480	ng		98
73) Carbazole	11.56	167	1091727	45.892	ng		98
74) Di-n-butylphthalate	11.88	149	1234880	45.058	ng		99
75) Fluoranthene	12.54	202	1208076	45.168	ng		99
77) Benzidine	12.66	184	597441	38.179	ng		97
78) Pyrene	12.77	202	1214677	43.313	ng		99
80) Butylbenzylphthalate	13.37	149	529894	44.891	ng		100
81) Benzo(a)anthracene	13.96	228	1005939	44.613	ng		100
82) 3,3'-Dichlorobenzidine	13.92	252	281227	32.151	ng		100
83) Chrysene	14.00	228	980903	44.378	ng		98
84) Bis(2-ethylhexyl)phthalate	13.93	149	694546	44.989	ng		99
85) Di-n-octyl phthalate	14.54	149	1159121	46.316	ng		98
86) Indeno(1,2,3-cd)pyrene	16.90	276	956272	48.953	ng		99
88) Benzo(b)fluoranthene	15.00	252	1080258	46.053	ng		100
89) Benzo(k)fluoranthene	15.03	252	911265	42.291	ng		99
90) Benzo(a)pyrene	15.37	252	956580	46.337	ng		99
91) Dibenzo(a,h)anthracene	16.89	278	805480	46.955	ng		100
92) Benzo(g,h,i)perylene	17.33	276	803796	46.757	ng		98

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

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