Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
Data File : BF114606.D
Acq On : 25 May 2019 16:19
Operator : JU/SJ
Sample : PB119807BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB119807BSD

Manual Integrations APPROVED
mohammad
5/27/2019 3:49:51 AM

Quant Time: May 27 00:37:15 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	132066	20.00	ng		-0.02
21) Naphthalene-d8	8.08	136	502713	20.00	ng		-0.02
39) Acenaphthene-d10	9.84	164	238682	20.00	ng		-0.01
64) Phenanthrene-d10	11.33	188	483153	20.00	ng		-0.01
76) Chrysene-d12	13.97	240	348079	20.00	ng		-0.02
87) Perylene-d12	15.43	264	361570	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1052505	128.25	ng		0.00
7) Phenol-d6	6.45	99	1328449	136.87	ng		-0.01
23) Nitrobenzene-d5	7.37	82	798054	89.09	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	328403	133.09	ng		-0.01
45) 2-Fluorobiphenyl	9.16	172	1469147	93.11	ng		-0.02
79) Terphenyl-d14	12.90	244	1567373	92.82	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	199554	44.239	ng		99
3) Pyridine	3.35	79	373551	30.057	ng		94
4) n-Nitrosodimethylamine	3.29	42	200414	33.440	ng		99
6) Aniline	6.47	93	394851	28.162	ng	#	58
8) 2-Chlorophenol	6.59	128	388426	44.336	ng		95
9) Benzaldehyde	6.35	77	185892	27.357	ng		96
10) Phenol	6.46	94	468313	41.015	ng		84
11) bis(2-Chloroethyl)ether	6.53	93	370271	42.715	ng		99
12) 1,3-Dichlorobenzene	6.74	146	401992	40.876	ng		98
13) 1,4-Dichlorobenzene	6.82	146	409967	41.370	ng		99
14) 1,2-Dichlorobenzene	6.97	146	382127	42.207	ng		99
15) Benzyl Alcohol	6.95	79	306383	40.472	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	658193	39.160	ng		56
17) 2-Methylphenol	7.07	107	298607	41.492	ng	#	91
18) Hexachloroethane	7.31	117	149738	40.255	ng		97
19) n-Nitroso-di-n-propylamine	7.22	70	261123	42.443	ng		99
20) 3+4-Methylphenols	7.22	107	395705	47.589	ng	#	67
22) Acetophenone	7.21	105	518719	46.577	ng	#	88
24) Nitrobenzene	7.39	77	399917	43.833	ng		95
25) Isophorone	7.62	82	729412	43.906	ng		99
26) 2-Nitrophenol	7.70	139	201107	45.433	ng		97
27) 2,4-Dimethylphenol	7.75	122	335913	48.318	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	464077	43.053	ng		98
29) 2,4-Dichlorophenol	7.96	162	315896	45.632	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	342672	43.531	ng		99
31) Naphthalene	8.10	128	1087477	46.310	ng		98
32) Benzoic acid	7.90	122	182818m	38.507	ng		
33) 4-Chloroaniline	8.16	127	274101	25.615	ng		97
34) Hexachlorobutadiene	8.22	225	191068	42.658	ng		98
35) Caprolactam	8.53	113	101822m	45.108	ng		
36) 4-Chloro-3-methylphenol	8.66	107	329434	47.277	ng		97
37) 2-Methylnaphthalene	8.80	142	736630	48.620	ng		97
38) 1-Methylnaphthalene	8.90	142	695591	48.753	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	335676	46.427	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	150964	46.719	ng		99
43) 2,4,6-Trichlorophenol	9.09	196	201294	40.476	ng		99
44) 2,4,5-Trichlorophenol	9.13	196	208224	40.827	ng		97
46) 1,1'-Biphenyl	9.26	154	898151	46.579	ng		98
47) 2-Chloronaphthalene	9.29	162	673315	43.389	ng		99
48) 2-Nitroaniline	9.39	65	224596	40.810	ng		97
49) Acenaphthylene	9.70	152	1075418	45.564	ng		98
50) Dimethylphthalate	9.56	163	779196	44.471	ng		99
51) 2,6-Dinitrotoluene	9.63	165	173458	44.634	ng		99
52) Acenaphthene	9.87	154	632801	43.692	ng		100
53) 3-Nitroaniline	9.80	138	132387	27.442	ng		93
54) 2,4-Dinitrophenol	9.92	184	140382	72.526	ng		96
55) Dibenzofuran	10.05	168	922717	43.447	ng		99
56) 4-Nitrophenol	9.99	139	171698	50.327	ng		97
57) 2,4-Dinitrotoluene	10.04	165	213184	40.416	ng	#	76
58) Fluorene	10.39	166	759226	46.282	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.17	232	176405	40.086	ng		97
60) Diethylphthalate	10.26	149	790283	44.391	ng		98
61) 4-Chlorophenyl-phenylether	10.37	204	365127	45.318	ng		99
62) 4-Nitroaniline	10.42	138	185419	36.577	ng		97
63) Azobenzene	10.54	77	751610	43.616	ng		96
65) 4,6-Dinitro-2-methylphenol	10.46	198	101245	43.610	ng		80
66) n-Nitrosodiphenylamine	10.50	169	670355	45.715	ng		98
67) 4-Bromophenyl-phenylether	10.86	248	229335	43.110	ng		98
68) Hexachlorobenzene	10.95	284	243801	41.427	ng		92
69) Atrazine	11.02	200	196123	42.978	ng		98
70) Pentachlorophenol	11.15	266	160202	57.425	ng		98
71) Phenanthrene	11.35	178	1072255	45.616	ng		98
72) Anthracene	11.40	178	1114144	47.190	ng		98
73) Carbazole	11.56	167	1032649	45.867	ng		98
74) Di-n-butylphthalate	11.88	149	1251177	48.237	ng		99
75) Fluoranthene	12.54	202	1163482	45.964	ng		99
77) Benzidine	12.66	184	584397	37.402	ng		98
78) Pyrene	12.77	202	1172430	41.871	ng		99
80) Butylbenzylphthalate	13.37	149	550206	46.683	ng		99
81) Benzo(a)anthracene	13.96	228	990366	43.990	ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	284919	32.623	ng		98
83) Chrysene	14.00	228	984863	44.625	ng		97
84) Bis(2-ethylhexyl)phthalate	13.93	149	770329	49.974	ng		100
85) Di-n-octyl phthalate	14.54	149	1297730	51.934	ng		98
86) Indeno(1,2,3-cd)pyrene	16.89	276	946187	48.511	ng		99
88) Benzo(b)fluoranthene	15.00	252	968280	41.801	ng		99
89) Benzo(k)fluoranthene	15.03	252	1000511	47.019	ng		99
90) Benzo(a)pyrene	15.37	252	950323	46.615	ng		98
91) Dibenzo(a,h)anthracene	16.89	278	790224	46.648	ng		99
92) Benzo(g,h,i)perylene	17.33	276	798314	47.024	ng		99

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

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