Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
Data File : BF114628.D
Acq On : 26 May 2019 3:40
Operator : JU/SJ
Sample : PB120077BS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB120077BS

Manual Integrations APPROVED
mohammad
5/27/2019 3:50:46 AM

Quant Time: May 27 01:34:31 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	135800	20.00	ng		-0.02
21) Naphthalene-d8	8.08	136	521886	20.00	ng		-0.02
39) Acenaphthene-d10	9.84	164	246157	20.00	ng		-0.01
64) Phenanthrene-d10	11.33	188	484909	20.00	ng		-0.01
76) Chrysene-d12	13.97	240	359455	20.00	ng		-0.02
87) Perylene-d12	15.43	264	357681	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1107048	131.19	ng		0.00
7) Phenol-d6	6.45	99	1397445	140.02	ng		-0.01
23) Nitrobenzene-d5	7.37	82	837051	90.01	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	325708	127.99	ng		-0.01
45) 2-Fluorobiphenyl	9.16	172	1505824	92.53	ng		-0.02
79) Terphenyl-d14	12.90	244	1563937	89.69	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	196667	42.400	ng		98
3) Pyridine	3.36	79	391008	30.596	ng		99
4) n-Nitrosodimethylamine	3.30	42	216342	35.105	ng		97
6) Aniline	6.47	93	414533	28.753	ng	#	61
8) 2-Chlorophenol	6.59	128	400089	44.411	ng		96
9) Benzaldehyde	6.36	77	192509	27.552	ng		99
10) Phenol	6.46	94	492035	41.908	ng		88
11) bis(2-Chloroethyl)ether	6.53	93	382421	42.903	ng		100
12) 1,3-Dichlorobenzene	6.74	146	416545	41.192	ng		98
13) 1,4-Dichlorobenzene	6.82	146	431643	42.359	ng		99
14) 1,2-Dichlorobenzene	6.97	146	393531	42.271	ng		99
15) Benzyl Alcohol	6.95	79	313434	40.265	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	677291	39.188	ng		60
17) 2-Methylphenol	7.07	107	316559	42.777	ng	#	90
18) Hexachloroethane	7.30	117	153602	40.158	ng		97
19) n-Nitroso-di-n-propylamine	7.22	70	268200	42.395	ng		99
20) 3+4-Methylphenols	7.22	107	410523	48.014	ng	#	73
22) Acetophenone	7.21	105	530036	45.845	ng	#	89
24) Nitrobenzene	7.39	77	421468	44.498	ng		96
25) Isophorone	7.62	82	740095	42.912	ng		99
26) 2-Nitrophenol	7.70	139	212513	46.246	ng		98
27) 2,4-Dimethylphenol	7.75	122	346540	48.016	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	471201	42.108	ng		98
29) 2,4-Dichlorophenol	7.96	162	332087	46.209	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	347595	42.534	ng		99
31) Naphthalene	8.10	128	1121152	45.990	ng		99
32) Benzoic acid	7.90	122	165291m	34.442	ng		
33) 4-Chloroaniline	8.16	127	311566	28.046	ng		97
34) Hexachlorobutadiene	8.22	225	193339	41.580	ng		99
35) Caprolactam	8.53	113	107481m	45.866	ng		
36) 4-Chloro-3-methylphenol	8.66	107	346482	47.897	ng		99
37) 2-Methylnaphthalene	8.80	142	750030	47.686	ng		98
38) 1-Methylnaphthalene	8.90	142	707479	47.764	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	344126	46.150	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	144551	43.685	ng		99
43) 2,4,6-Trichlorophenol	9.09	196	205656	40.098	ng		99
44) 2,4,5-Trichlorophenol	9.13	196	209790	39.885	ng		94
46) 1,1'-Biphenyl	9.26	154	921491	46.338	ng		97
47) 2-Chloronaphthalene	9.29	162	695734	43.472	ng		98
48) 2-Nitroaniline	9.39	65	236879	41.735	ng		94
49) Acenaphthylene	9.70	152	1098569	45.132	ng		98
50) Dimethylphthalate	9.56	163	776551	42.974	ng		99
51) 2,6-Dinitrotoluene	9.63	165	175770	43.855	ng		97
52) Acenaphthene	9.87	154	649364	43.474	ng		99
53) 3-Nitroaniline	9.80	138	139347	28.008	ng		97
54) 2,4-Dinitrophenol	9.93	184	125853	63.927	ng		94
55) Dibenzofuran	10.05	168	938778	42.861	ng		99
56) 4-Nitrophenol	9.99	139	166846	47.420	ng		94
57) 2,4-Dinitrotoluene	10.05	165	218870	40.234	ng	#	78
58) Fluorene	10.39	166	770383	45.536	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	179753	39.607	ng		99
60) Diethylphthalate	10.26	149	780890	42.531	ng		98
61) 4-Chlorophenyl-phenylether	10.37	204	369154	44.427	ng		98
62) 4-Nitroaniline	10.42	138	188871	36.126	ng		96
63) Azobenzene	10.53	77	752969	42.368	ng		97
65) 4,6-Dinitro-2-methylphenol	10.46	198	97145	41.692	ng		98
66) n-Nitrosodiphenylamine	10.50	169	676705	45.981	ng		100
67) 4-Bromophenyl-phenylether	10.86	248	226240	42.374	ng		96
68) Hexachlorobenzene	10.95	284	243297	41.192	ng		92
69) Atrazine	11.02	200	195876	42.769	ng		98
70) Pentachlorophenol	11.15	266	146939	52.480	ng		98
71) Phenanthrene	11.35	178	1090117	46.208	ng		97
72) Anthracene	11.40	178	1125992	47.519	ng		99
73) Carbazole	11.56	167	1055864	46.728	ng		98
74) Di-n-butylphthalate	11.87	149	1202002	46.173	ng		100
75) Fluoranthene	12.54	202	1190810	46.873	ng		99
77) Benzidine	12.66	184	612318	37.949	ng		98
78) Pyrene	12.77	202	1218265	42.131	ng		99
80) Butylbenzylphthalate	13.37	149	539389	44.317	ng		97
81) Benzo(a)anthracene	13.96	228	1024720	44.075	ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	290955	32.260	ng		100
83) Chrysene	14.00	228	1015285	44.548	ng		98
84) Bis(2-ethylhexyl)phthalate	13.93	149	729145	45.805	ng		98
85) Di-n-octyl phthalate	14.54	149	1202358	46.595	ng		98
86) Indeno(1,2,3-cd)pyrene	16.90	276	949997	47.164	ng		99
88) Benzo(b)fluoranthene	15.00	252	1045261	45.615	ng		100
89) Benzo(k)fluoranthene	15.03	252	903648	42.929	ng		98
90) Benzo(a)pyrene	15.37	252	929276	46.079	ng		99
91) Dibenzo(a,h)anthracene	16.89	278	788500	47.052	ng		100
92) Benzo(g,h,i)perylene	17.33	276	809586	48.207	ng		97

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

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