Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061019\
Data File : BF114930.D
Acq On : 10 Jun 2019 12:45
Operator : HP/JU
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
mohammad
6/12/2019 9:13:20 AM

Quant Time: Jun 10 13:54:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 12:30:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	288863	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	1192179	20.00	ng		0.00
39) Acenaphthene-d10	9.69	164	593108	20.00	ng		0.00
64) Phenanthrene-d10	11.16	188	1170189	20.00	ng		0.00
76) Chrysene-d12	13.79	240	612888	20.00	ng		0.00
87) Perylene-d12	15.16	264	781218	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	2394278	144.83	ng		0.00
7) Phenol-d6	6.32	99	2828480	140.61	ng		0.00
23) Nitrobenzene-d5	7.23	82	2746966	141.84	ng		0.00
42) 2,4,6-Tribromophenol	10.48	330	882969	138.14	ng		0.00
45) 2-Fluorobiphenyl	9.03	172	4138570	130.71	ng		0.00
79) Terphenyl-d14	12.75	244	4334058	137.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.28	88	603647	76.480	ng		100
3) Pyridine	2.96	79	1733288	79.906	ng		99
4) n-Nitrosodimethylamine	2.93	42	621129	78.239	ng		99
6) Aniline	6.33	93	1911668	66.975	ng	#	71
8) 2-Chlorophenol	6.45	128	1363720	71.397	ng		95
9) Benzaldehyde	6.20	77	711670	51.004	ng		98
10) Phenol	6.33	94	1603691	69.716	ng		96
11) bis(2-Chloroethyl)ether	6.41	93	1315636	73.284	ng		99
12) 1,3-Dichlorobenzene	6.60	146	1586628	71.287	ng		98
13) 1,4-Dichlorobenzene	6.68	146	1580592	70.577	ng		98
14) 1,2-Dichlorobenzene	6.84	146	1379665	68.213	ng		99
15) Benzyl Alcohol	6.82	79	1014644	66.701	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1769169	68.904	ng		97
17) 2-Methylphenol	6.93	107	1182524	72.429	ng		97
18) Hexachloroethane	7.17	117	599809	71.156	ng		98
19) n-Nitroso-di-n-propylamine	7.10	70	918181	68.955	ng		99
20) 3+4-Methylphenols	7.09	107	1211100	67.254	ng		99
22) Acetophenone	7.08	105	1852266	70.569	ng	#	96
24) Nitrobenzene	7.25	77	1442102	71.878	ng		99
25) Isophorone	7.50	82	2741653	71.608	ng		100
26) 2-Nitrophenol	7.56	139	818491	75.323	ng		95
27) 2,4-Dimethylphenol	7.62	122	1159495	70.204	ng		99
28) bis(2-Chloroethoxy)methane	7.70	93	1708324	69.801	ng		100
29) 2,4-Dichlorophenol	7.81	162	1212740	69.793	ng		97
30) 1,2,4-Trichlorobenzene	7.89	180	1363470	68.386	ng		99
31) Naphthalene	7.97	128	3630177	67.636	ng		97
32) Benzoic acid	7.78	122	984188	81.816	ng		99
33) 4-Chloroaniline	8.02	127	1774622	69.308	ng		99
34) Hexachlorobutadiene	8.09	225	764326	67.429	ng		99
35) Caprolactam	8.42	113	439380m	77.406	ng		
36) 4-Chloro-3-methylphenol	8.52	107	1231731	71.237	ng		96
37) 2-Methylnaphthalene	8.66	142	2513647	67.521	ng		97
38) 1-Methylnaphthalene	8.76	142	2358699	66.810	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	1134799	66.392	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	723814	69.823	ng		100
43) 2,4,6-Trichlorophenol	8.94	196	921586	69.340	ng		98
44) 2,4,5-Trichlorophenol	8.98	196	942754	70.432	ng		99
46) 1,1'-Biphenyl	9.12	154	2878028	65.472	ng		99
47) 2-Chloronaphthalene	9.15	162	2527563	67.668	ng		98
48) 2-Nitroaniline	9.24	65	823914	73.915	ng		92
49) Acenaphthylene	9.56	152	3592223	66.317	ng		97
50) Dimethylphthalate	9.43	163	3070067	70.872	ng		99
51) 2,6-Dinitrotoluene	9.49	165	740367	72.674	ng		99
52) Acenaphthene	9.73	154	2196901	61.914	ng		99
53) 3-Nitroaniline	9.66	138	869441	73.056	ng		97
54) 2,4-Dinitrophenol	9.76	184	426085	92.427	ng		98
55) Dibenzofuran	9.90	168	3028422	61.378	ng		95
56) 4-Nitrophenol	9.82	139	655984	75.223	ng		95
57) 2,4-Dinitrotoluene	9.89	165	900860	70.342	ng		97
58) Fluorene	10.24	166	2213804	62.555	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.02	232	756063	68.944	ng		98
60) Diethylphthalate	10.13	149	2909435	66.933	ng		99
61) 4-Chlorophenyl-phenylether	10.23	204	1112319	58.859	ng		95
62) 4-Nitroaniline	10.27	138	917921	79.522	ng		99
63) Azobenzene	10.39	77	2536180	68.544	ng		97
65) 4,6-Dinitro-2-methylphenol	10.30	198	505527	83.165	ng		93
66) n-Nitrosodiphenylamine	10.36	169	2313139	65.372	ng		98
67) 4-Bromophenyl-phenylether	10.72	248	864139	65.020	ng		98
68) Hexachlorobenzene	10.79	284	943657	64.877	ng		95
69) Atrazine	10.89	200	796099	64.691	ng		98
70) Pentachlorophenol	10.98	266	581418	69.146	ng		99
71) Phenanthrene	11.20	178	3667631	65.653	ng		99
72) Anthracene	11.24	178	3754917	63.869	ng		97
73) Carbazole	11.40	167	3482047	69.091	ng		98
74) Di-n-butylphthalate	11.74	149	4142253	62.489	ng		97
75) Fluoranthene	12.37	202	3830052	65.873	ng		99
77) Benzidine	12.49	184	1838218	60.585	ng	#	93
78) Pyrene	12.60	202	3861773	72.633	ng		99
80) Butylbenzylphthalate	13.23	149	2001015	74.529	ng		99
81) Benzo(a)anthracene	13.78	228	3277407	69.394	ng		99
82) 3,3'-Dichlorobenzidine	13.75	252	1342997	70.127	ng		99
83) Chrysene	13.82	228	3422336	74.488	ng		98
84) Bis(2-ethylhexyl)phthalate	13.79	149	2163734	63.732	ng	#	98
85) Di-n-octyl phthalate	14.40	149	3987021	69.114	ng		99
86) Indeno(1,2,3-cd)pyrene	16.48	276	3182664	60.712	ng		99
88) Benzo(b)fluoranthene	14.79	252	3691675	74.229	ng		99
89) Benzo(k)fluoranthene	14.82	252	2852034	67.528	ng		99
90) Benzo(a)pyrene	15.12	252	3088732	71.754	ng		99
91) Dibenzo(a,h)anthracene	16.50	278	2517494	61.755	ng		99
92) Benzo(g,h,i)perylene	16.88	276	2561279	62.479	ng		98

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

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