Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061119\
Data File : BF114936.D
Acq On : 11 Jun 2019 10:15
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
6/12/2019 9:03:25 AM

Quant Time: Jun 11 12:59:00 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 16:44:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	312395	20.00	ng		0.00
21) Naphthalene-d8	7.94	136	1278945	20.00	ng		0.00
39) Acenaphthene-d10	9.69	164	630491	20.00	ng		0.00
64) Phenanthrene-d10	11.16	188	1218550	20.00	ng		0.00
76) Chrysene-d12	13.79	240	717060	20.00	ng		0.00
87) Perylene-d12	15.16	264	899759	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1554748	84.23	ng		0.00
7) Phenol-d6	6.30	99	1905934	85.60	ng		0.00
23) Nitrobenzene-d5	7.23	82	1778380	85.44	ng		0.00
42) 2,4,6-Tribromophenol	10.47	330	564931	82.37	ng		0.00
45) 2-Fluorobiphenyl	9.02	172	3061314	77.06	ng		0.00
79) Terphenyl-d14	12.75	244	2988687	82.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	374184	42.719	ng		99
3) Pyridine	2.96	79	982811	40.308	ng		99
4) n-Nitrosodimethylamine	2.91	42	363031	41.452	ng		100
6) Aniline	6.32	93	1286172	42.647	ng	#	80
8) 2-Chlorophenol	6.45	128	897801	42.618	ng		98
9) Benzaldehyde	6.20	77	542525	38.072	ng		97
10) Phenol	6.32	94	1053868	42.449	ng		98
11) bis(2-Chloroethyl)ether	6.40	93	850220	42.970	ng		98
12) 1,3-Dichlorobenzene	6.60	146	1044265	42.711	ng		97
13) 1,4-Dichlorobenzene	6.67	146	1051162	42.873	ng		98
14) 1,2-Dichlorobenzene	6.83	146	959689	43.125	ng		98
15) Benzyl Alcohol	6.81	79	691310	43.030	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1177752	43.280	ng		100
17) 2-Methylphenol	6.93	107	750727	42.560	ng		99
18) Hexachloroethane	7.17	117	384115	42.512	ng		98
19) n-Nitroso-di-n-propylamine	7.09	70	594741	42.718	ng		99
20) 3+4-Methylphenols	7.08	107	846939m	42.882	ng		
22) Acetophenone	7.07	105	1203510	42.039	ng	#	98
24) Nitrobenzene	7.25	77	923583	42.652	ng		98
25) Isophorone	7.49	82	1707650	41.894	ng		99
26) 2-Nitrophenol	7.56	139	517726	43.036	ng		95
27) 2,4-Dimethylphenol	7.61	122	743053	42.210	ng		100
28) bis(2-Chloroethoxy)methane	7.70	93	1113374	42.699	ng		99
29) 2,4-Dichlorophenol	7.80	162	789244	42.812	ng		97
30) 1,2,4-Trichlorobenzene	7.89	180	908854	42.958	ng		99
31) Naphthalene	7.96	128	2516361	42.700	ng		100
32) Benzoic acid	7.75	122	607924	46.232	ng		97
33) 4-Chloroaniline	8.02	127	1190002	42.791	ng		99
34) Hexachlorobutadiene	8.09	225	513960	43.312	ng		98
35) Caprolactam	8.40	113	267179	43.024	ng		94
36) 4-Chloro-3-methylphenol	8.50	107	802532	42.860	ng		98
37) 2-Methylnaphthalene	8.65	142	1721172	42.980	ng		99
38) 1-Methylnaphthalene	8.75	142	1631112	43.066	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	774622	42.732	ng		100

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061019.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.81	237	454008	44.061	ng	99
43) 2,4,6-Trichlorophenol	8.93	196	593208	43.096	ng	99
44) 2,4,5-Trichlorophenol	8.97	196	607057	42.771	ng	97
46) 1,1'-Biphenyl	9.12	154	2043492	43.322	ng	99
47) 2-Chloronaphthalene	9.14	162	1725827	43.342	ng	99
48) 2-Nitroaniline	9.23	65	517990	42.737	ng	94
49) Acenaphthylene	9.55	152	2541328	43.310	ng	100
50) Dimethylphthalate	9.43	163	2007887	42.372	ng	99
51) 2,6-Dinitrotoluene	9.48	165	466933	42.901	ng	95
52) Acenaphthene	9.72	154	1545906	43.487	ng	99
53) 3-Nitroaniline	9.65	138	551826	42.221	ng	99
54) 2,4-Dinitrophenol	9.75	184	227164	42.169	ng	93
55) Dibenzofuran	9.90	168	2188029	43.118	ng	97
56) 4-Nitrophenol	9.81	139	395045	42.410	ng	93
57) 2,4-Dinitrotoluene	9.88	165	594667	43.224	ng	99
58) Fluorene	10.24	166	1563869	39.979	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.02	232	496301	43.255	ng	99
60) Diethylphthalate	10.12	149	1951826	42.379	ng	100
61) 4-Chlorophenyl-phenylether	10.23	204	786454	40.160	ng	94
62) 4-Nitroaniline	10.26	138	561263	41.903	ng	99
63) Azobenzene	10.39	77	1712639	42.723	ng	99
65) 4,6-Dinitro-2-methylphenol	10.29	198	294008	43.024	ng	89
66) n-Nitrosodiphenylamine	10.35	169	1555983	42.980	ng	99
67) 4-Bromophenyl-phenylether	10.72	248	568195	43.048	ng	98
68) Hexachlorobenzene	10.79	284	620310	42.558	ng	94
69) Atrazine	10.88	200	476560	39.067	ng	99
70) Pentachlorophenol	10.97	266	367330	44.942	ng	99
71) Phenanthrene	11.19	178	2501789	42.317	ng	99
72) Anthracene	11.24	178	2565666	42.756	ng	99
73) Carbazole	11.39	167	2327221	42.598	ng	99
74) Di-n-butylphthalate	11.73	149	2883811	42.711	ng	100
75) Fluoranthene	12.37	202	2572393	42.067	ng	99
77) Benzidine	12.49	184	1260214	40.159	ng	99
78) Pyrene	12.60	202	2609260	41.782	ng	99
80) Butylbenzylphthalate	13.22	149	1294818	42.086	ng	100
81) Benzo(a)anthracene	13.77	228	2272318	42.858	ng	99
82) 3,3'-Dichlorobenzidine	13.75	252	947985	43.802	ng	99
83) Chrysene	13.82	228	2312173	43.427	ng	100
84) Bis(2-ethylhexyl)phthalate	13.79	149	1568829	43.540	ng	100
85) Di-n-octyl phthalate	14.39	149	2880770	43.767	ng	100
86) Indeno(1,2,3-cd)pyrene	16.47	276	2222919	44.410	ng	100
88) Benzo(b)fluoranthene	14.79	252	2451856	41.857	ng	100
89) Benzo(k)fluoranthene	14.82	252	2075996	40.837	ng	100
90) Benzo(a)pyrene	15.11	252	2132017	41.904	ng	98
91) Dibenzo(a,h)anthracene	16.49	278	1803886	41.973	ng	99
92) Benzo(g,h,i)perylene	16.87	276	1762338	41.138	ng	97

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

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