Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120919\
Data File : BF118144.D
Acq On : 9 Dec 2019 14:55
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Dec 10 00:53:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	156866	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	598071	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	313849	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	578242	20.00	ng		0.00
76) Chrysene-d12	14.07	240	375523	20.00	ng		0.00
87) Perylene-d12	15.56	264	317009	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	701382	78.31	ng		0.00
7) Phenol-d6	6.50	99	862638	79.63	ng		0.00
23) Nitrobenzene-d5	7.44	82	825703	77.67	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	296734	77.83	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	1625673	78.82	ng		0.00
79) Terphenyl-d14	13.00	244	1808066	82.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	141634	37.505	ng		99
3) Pyridine	3.39	79	376801	38.673	ng		99
4) n-Nitrosodimethylamine	3.35	42	163757	39.069	ng		98
6) Aniline	6.53	93	549027	39.621	ng		98
8) 2-Chlorophenol	6.66	128	404503	40.054	ng		97
9) Benzaldehyde	6.42	77	221135	39.000	ng		99
10) Phenol	6.52	94	486904	39.412	ng		90
11) bis(2-Chloroethyl)ether	6.61	93	349765	39.145	ng		95
12) 1,3-Dichlorobenzene	6.81	146	473044	40.097	ng		99
13) 1,4-Dichlorobenzene	6.89	146	474508	39.944	ng		98
14) 1,2-Dichlorobenzene	7.05	146	449709	40.311	ng		99
15) Benzyl Alcohol	7.02	79	336988	39.851	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	423986	39.466	ng		96
17) 2-Methylphenol	7.13	107	318852	39.697	ng		98
18) Hexachloroethane	7.39	117	175772	40.155	ng		98
19) n-Nitroso-di-n-propylamine	7.29	70	261890	39.785	ng		98
20) 3+4-Methylphenols	7.28	107	407065	40.347	ng	#	88
22) Acetophenone	7.29	105	557352	38.790	ng		94
24) Nitrobenzene	7.46	77	406732	38.941	ng		98
25) Isophorone	7.70	82	692213	38.410	ng		99
26) 2-Nitrophenol	7.77	139	219104	39.248	ng		96
27) 2,4-Dimethylphenol	7.81	122	290861	39.060	ng		97
28) bis(2-Chloroethoxy)methane	7.90	93	456074	38.729	ng		99
29) 2,4-Dichlorophenol	8.02	162	340705	39.247	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	399830	39.411	ng		99
31) Naphthalene	8.18	128	1185822	39.479	ng		100
32) Benzoic acid	7.95	122	269612	40.100	ng		99
33) 4-Chloroaniline	8.23	127	491434	37.892	ng		99
34) Hexachlorobutadiene	8.30	225	240778	39.579	ng		100
35) Caprolactam	8.61	113	101945	38.080	ng		97
36) 4-Chloro-3-methylphenol	8.72	107	350684	38.387	ng		99
37) 2-Methylnaphthalene	8.87	142	791501	38.923	ng		99
38) 1-Methylnaphthalene	8.97	142	750884	39.327	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	374402	39.379	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	162065	38.045	ng		99
43) 2,4,6-Trichlorophenol	9.15	196	249865	39.361	ng		99
44) 2,4,5-Trichlorophenol	9.20	196	255688	38.877	ng		95
46) 1,1'-Biphenyl	9.34	154	973834	39.342	ng		99
47) 2-Chloronaphthalene	9.37	162	786487	39.499	ng		99
48) 2-Nitroaniline	9.46	65	217088	38.232	ng		97
49) Acenaphthylene	9.79	152	1148097	39.093	ng		99
50) Dimethylphthalate	9.64	163	900712	38.854	ng		98
51) 2,6-Dinitrotoluene	9.70	165	193074	38.302	ng		96
52) Acenaphthene	9.96	154	696072	38.832	ng		97
53) 3-Nitroaniline	9.88	138	228106	38.452	ng		94
54) 2,4-Dinitrophenol	9.99	184	92542	36.900	ng		90
55) Dibenzofuran	10.13	168	1024412	39.002	ng		100
56) 4-Nitrophenol	10.04	139	149118	36.221	ng		95
57) 2,4-Dinitrotoluene	10.11	165	265015	39.389	ng		99
58) Fluorene	10.47	166	817828	39.181	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	210221	38.743	ng		99
60) Diethylphthalate	10.34	149	896958	39.271	ng		99
61) 4-Chlorophenyl-phenylether	10.46	204	417353	39.739	ng		98
62) 4-Nitroaniline	10.50	138	236055	38.153	ng		98
63) Azobenzene	10.62	77	766741	39.324	ng		100
65) 4,6-Dinitro-2-methylphenol	10.53	198	123296	38.610	ng		87
66) n-Nitrosodiphenylamine	10.58	169	718191	39.772	ng		99
67) 4-Bromophenyl-phenylether	10.95	248	263719	39.953	ng	#	90
68) Hexachlorobenzene	11.02	284	303003	39.000	ng		99
69) Atrazine	11.11	200	200594	40.136	ng		97
70) Pentachlorophenol	11.22	266	145153	39.728	ng		98
71) Phenanthrene	11.44	178	1200275	39.048	ng		100
72) Anthracene	11.49	178	1199917	39.131	ng		100
73) Carbazole	11.64	167	1068227	38.827	ng		99
74) Di-n-butylphthalate	11.97	149	1395742	40.536	ng		99
75) Fluoranthene	12.63	202	1205922	38.372	ng		99
77) Benzidine	12.75	184	457613	46.290	ng		99
78) Pyrene	12.86	202	1207949	40.819	ng		99
80) Butylbenzylphthalate	13.47	149	556841	41.549	ng		98
81) Benzo(a)anthracene	14.06	228	1008650	38.845	ng		99
82) 3,3'-Dichlorobenzidine	14.02	252	335605	39.354	ng		99
83) Chrysene	14.09	228	951854	38.376	ng		100
84) Bis(2-ethylhexyl)phthalate	14.03	149	738059	41.764	ng		99
85) Di-n-octyl phthalate	14.65	149	1059295	39.570	ng		100
86) Indeno(1,2,3-cd)pyrene	17.07	276	783822	37.557	ng		100
88) Benzo(b)fluoranthene	15.12	252	817099	38.973	ng		98
89) Benzo(k)fluoranthene	15.15	252	772730	38.365	ng		99
90) Benzo(a)pyrene	15.49	252	708309	38.252	ng		100
91) Dibenzo(a,h)anthracene	17.09	278	646831	40.727	ng		99
92) Benzo(g,h,i)perylene	17.53	276	622394	40.781	ng		99

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

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