Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
Data File : BF114024.D
Acq On : 29 Apr 2019 15:55
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Apr 30 01:15:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	161995	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	633134	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	330786	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	656468	20.00	ng		0.00
76) Chrysene-d12	14.05	240	483249	20.00	ng		-0.02
87) Perylene-d12	15.53	264	419456	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	730767	77.15	ng		0.00
7) Phenol-d6	6.53	99	927397	78.04	ng		0.00
23) Nitrobenzene-d5	7.46	82	866246	84.48	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	331361	82.23	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	1679864	79.43	ng		0.00
79) Terphenyl-d14	13.00	244	1983070	84.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	165361	37.037	ng		95
3) Pyridine	3.46	79	439036	36.026	ng		96
4) n-Nitrosodimethylamine	3.42	42	153775	36.861	ng		94
6) Aniline	6.56	93	635842	38.967	ng		99
8) 2-Chlorophenol	6.69	128	434341	40.166	ng		95
9) Benzaldehyde	6.45	77	263622	38.769	ng		94
10) Phenol	6.54	94	545435	38.386	ng		97
11) bis(2-Chloroethyl)ether	6.63	93	420796	39.353	ng		95
12) 1,3-Dichlorobenzene	6.84	146	484720	39.579	ng		99
13) 1,4-Dichlorobenzene	6.92	146	487702	39.592	ng		99
14) 1,2-Dichlorobenzene	7.07	146	454190	40.120	ng		99
15) Benzyl Alcohol	7.03	79	366616	45.809	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	471733	37.793	ng		93
17) 2-Methylphenol	7.15	107	341189	35.995	ng		98
18) Hexachloroethane	7.41	117	172371	39.918	ng		95
19) n-Nitroso-di-n-propylamine	7.31	70	307296	39.933	ng		97
20) 3+4-Methylphenols	7.30	107	424756	39.662	ng	#	89
22) Acetophenone	7.30	105	565758	40.155	ng	#	92
24) Nitrobenzene	7.48	77	471943	41.653	ng		95
25) Isophorone	7.72	82	833612	39.730	ng		100
26) 2-Nitrophenol	7.79	139	237945	46.033	ng		95
27) 2,4-Dimethylphenol	7.83	122	325084	38.601	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	533496	39.903	ng		100
29) 2,4-Dichlorophenol	8.03	162	392111	40.716	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	438903	40.873	ng		98
31) Naphthalene	8.20	128	1217908	40.492	ng		100
32) Benzoic acid	7.96	122	262605	46.174	ng		97
33) 4-Chloroaniline	8.25	127	509221	40.012	ng		97
34) Hexachlorobutadiene	8.32	225	274937	41.072	ng		97
35) Caprolactam	8.62	113	118736	38.758	ng		94
36) 4-Chloro-3-methylphenol	8.72	107	389690	40.843	ng		99
37) 2-Methylnaphthalene	8.89	142	822336	40.544	ng		99
38) 1-Methylnaphthalene	8.99	142	792167	40.466	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	435615	40.541	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	226257	37.761	ng		100
43) 2,4,6-Trichlorophenol	9.16	196	281484	41.255	ng		99
44) 2,4,5-Trichlorophenol	9.20	196	310291	40.545	ng		99
46) 1,1'-Biphenyl	9.35	154	1030790	40.792	ng		98
47) 2-Chloronaphthalene	9.37	162	843773	41.060	ng		97
48) 2-Nitroaniline	9.47	65	233140	43.278	ng		91
49) Acenaphthylene	9.79	152	1310476	40.735	ng		99
50) Dimethylphthalate	9.65	163	983575	41.114	ng		100
51) 2,6-Dinitrotoluene	9.71	165	226806	44.191	ng		98
52) Acenaphthene	9.96	154	783001	41.184	ng		97
53) 3-Nitroaniline	9.88	138	230393	42.719	ng		94
54) 2,4-Dinitrophenol	9.98	184	103211	49.966	ng	#	5
55) Dibenzofuran	10.13	168	1155496	40.573	ng		96
56) 4-Nitrophenol	10.03	139	180874	42.357	ng		93
57) 2,4-Dinitrotoluene	10.12	165	299691	46.262	ng		91
58) Fluorene	10.48	166	879687	41.028	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	273761	40.706	ng		100
60) Diethylphthalate	10.35	149	938544	41.313	ng		98
61) 4-Chlorophenyl-phenylether	10.47	204	461189	40.615	ng		99
62) 4-Nitroaniline	10.49	138	234310	44.520	ng		97
63) Azobenzene	10.63	77	886432	40.260	ng		97
65) 4,6-Dinitro-2-methylphenol	10.52	198	141452	47.162	ng		96
66) n-Nitrosodiphenylamine	10.59	169	780063	39.602	ng		99
67) 4-Bromophenyl-phenylether	10.96	248	313106	39.482	ng		98
68) Hexachlorobenzene	11.03	284	344267	39.504	ng		97
69) Atrazine	11.11	200	256114	39.970	ng		100
70) Pentachlorophenol	11.22	266	207416	42.037	ng		96
71) Phenanthrene	11.44	178	1321390	40.053	ng		100
72) Anthracene	11.49	178	1344164	40.346	ng		99
73) Carbazole	11.64	167	1211689	40.767	ng		99
74) Di-n-butylphthalate	11.97	149	1466007	41.930	ng		100
75) Fluoranthene	12.63	202	1407873	39.114	ng		97
77) Benzidine	12.74	184	571221	39.672	ng		99
78) Pyrene	12.86	202	1412683	41.802	ng		99
80) Butylbenzylphthalate	13.47	149	602470	45.311	ng		93
81) Benzo(a)anthracene	14.04	228	1250758	43.929	ng		99
82) 3,3'-Dichlorobenzidine	14.00	252	474741	45.491	ng		100
83) Chrysene	14.08	228	1205018	43.457	ng		99
84) Bis(2-ethylhexyl)phthalate	14.03	149	803866	47.518	ng		99
85) Di-n-octyl phthalate	14.64	149	1276652	48.214	ng		98
86) Indeno(1,2,3-cd)pyrene	17.02	276	906208	34.501	ng		98
88) Benzo(b)fluoranthene	15.10	252	1113299	41.950	ng		99
89) Benzo(k)fluoranthene	15.13	252	961186	42.106	ng		98
90) Benzo(a)pyrene	15.47	252	930546	40.538	ng		100
91) Dibenzo(a,h)anthracene	17.03	278	744748	34.562	ng		100
92) Benzo(g,h,i)perylene	17.46	276	729789	33.560	ng		98

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

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