Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
Data File : BF114533.D
Acq On : 23 May 2019 19:44
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: May 24 07:45:35 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	6.82	152	164183	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	677184	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	325568	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	660480	20.00	ng		0.00
76) Chrysene-d12	13.99	240	479483	20.00	ng		0.00
87) Perylene-d12	15.44	264	495348	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	808265	79.22	ng		0.00
7) Phenol-d6	6.46	99	1013867	84.02	ng		0.00
23) Nitrobenzene-d5	7.38	82	966335	80.08	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	262870	78.10	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	1700511	79.01	ng		0.00
79) Terphenyl-d14	12.92	244	1807018	77.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	186946	33.337	ng		99
3) Pyridine	3.30	79	538688	34.865	ng		99
4) n-Nitrosodimethylamine	3.26	42	261187	35.055	ng		98
6) Aniline	6.48	93	716041	41.080	ng	#	84
8) 2-Chlorophenol	6.60	128	460902	42.317	ng		98
9) Benzaldehyde	6.37	77	299961	35.509	ng		98
10) Phenol	6.47	94	591154	41.646	ng		81
11) bis(2-Chloroethyl)ether	6.55	93	452228	41.964	ng		99
12) 1,3-Dichlorobenzene	6.76	146	515094	42.131	ng		99
13) 1,4-Dichlorobenzene	6.83	146	517993	42.046	ng		96
14) 1,2-Dichlorobenzene	6.99	146	479981	42.644	ng		98
15) Benzyl Alcohol	6.96	79	380885	40.471	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	837249	40.069	ng		73
17) 2-Methylphenol	7.08	107	366183	40.928	ng	#	93
18) Hexachloroethane	7.32	117	191120	41.329	ng		97
19) n-Nitroso-di-n-propylamine	7.23	70	314099	41.067	ng		99
20) 3+4-Methylphenols	7.23	107	462727	44.763	ng	#	79
22) Acetophenone	7.23	105	616937	41.124	ng	#	94
24) Nitrobenzene	7.40	77	496233	40.377	ng		99
25) Isophorone	7.64	82	895481	40.015	ng		99
26) 2-Nitrophenol	7.72	139	248254	41.635	ng		99
27) 2,4-Dimethylphenol	7.76	122	366554	39.141	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	590531	40.669	ng		99
29) 2,4-Dichlorophenol	7.96	162	387968	41.604	ng		99
30) 1,2,4-Trichlorobenzene	8.04	180	427867	40.350	ng		98
31) Naphthalene	8.12	128	1323857	41.851	ng		99
32) Benzoic acid	7.90	122	258640	40.089	ng		99
33) 4-Chloroaniline	8.17	127	606224	42.056	ng		98
34) Hexachlorobutadiene	8.23	225	248872	41.248	ng		98
35) Caprolactam	8.55	113	132787	43.670	ng		96
36) 4-Chloro-3-methylphenol	8.66	107	403021	42.936	ng		98
37) 2-Methylnaphthalene	8.81	142	883852	43.307	ng		97
38) 1-Methylnaphthalene	8.91	142	820254	42.678	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	403368	40.901	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	160428	37.353	ng		97
43) 2,4,6-Trichlorophenol	9.10	196	263122	38.789	ng		99
44) 2,4,5-Trichlorophenol	9.15	196	268640	38.616	ng		98
46) 1,1'-Biphenyl	9.27	154	1086109	41.295	ng		97
47) 2-Chloronaphthalene	9.30	162	855974	40.439	ng		99
48) 2-Nitroaniline	9.40	65	307711	40.990	ng		96
49) Acenaphthylene	9.72	152	1317823	40.934	ng		98
50) Dimethylphthalate	9.57	163	987956	41.338	ng		99
51) 2,6-Dinitrotoluene	9.64	165	217797	41.086	ng		98
52) Acenaphthene	9.89	154	787444	39.859	ng		99
53) 3-Nitroaniline	9.82	138	275580	41.880	ng		98
54) 2,4-Dinitrophenol	9.93	184	80787	34.498	ng		99
55) Dibenzofuran	10.06	168	1119138	38.633	ng		98
56) 4-Nitrophenol	9.99	139	166816	35.847	ng		93
57) 2,4-Dinitrotoluene	10.05	165	270812	37.639	ng	#	79
58) Fluorene	10.40	166	935860	41.825	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.19	232	224745	37.441	ng		99
60) Diethylphthalate	10.27	149	986822	40.637	ng		98
61) 4-Chlorophenyl-phenylether	10.39	204	458151	41.688	ng		98
62) 4-Nitroaniline	10.43	138	283151	40.949	ng		97
63) Azobenzene	10.55	77	929267	39.534	ng		99
65) 4,6-Dinitro-2-methylphenol	10.47	198	136703	43.074	ng		89
66) n-Nitrosodiphenylamine	10.51	169	822702	41.041	ng		100
67) 4-Bromophenyl-phenylether	10.88	248	290378	39.930	ng		95
68) Hexachlorobenzene	10.96	284	316593	39.353	ng		97
69) Atrazine	11.04	200	251249	40.276	ng		98
70) Pentachlorophenol	11.16	266	129014	33.830	ng		98
71) Phenanthrene	11.36	178	1339821	41.696	ng		99
72) Anthracene	11.42	178	1351285	41.868	ng		99
73) Carbazole	11.57	167	1291496	41.963	ng		99
74) Di-n-butylphthalate	11.89	149	1550345	43.724	ng		99
75) Fluoranthene	12.55	202	1457236	42.113	ng		98
77) Benzidine	12.67	184	986544	45.836	ng		97
78) Pyrene	12.78	202	1479553	38.358	ng		99
80) Butylbenzylphthalate	13.39	149	680593	41.920	ng		97
81) Benzo(a)anthracene	13.97	228	1303134	42.019	ng		99
82) 3,3'-Dichlorobenzidine	13.93	252	498736	41.455	ng	#	97
83) Chrysene	14.01	228	1239125	40.759	ng		99
84) Bis(2-ethylhexyl)phthalate	13.95	149	925253	43.575	ng		99
85) Di-n-octyl phthalate	14.56	149	1517649	44.091	ng		99
86) Indeno(1,2,3-cd)pyrene	16.92	276	1095618	40.778	ng		100
88) Benzo(b)fluoranthene	15.02	252	1242114	39.140	ng		100
89) Benzo(k)fluoranthene	15.05	252	1204797	41.329	ng		99
90) Benzo(a)pyrene	15.39	252	1143375	40.938	ng		99
91) Dibenzo(a,h)anthracene	16.92	278	905012	38.996	ng		98
92) Benzo(g,h,i)perylene	17.36	276	870063	37.409	ng		99

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

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