Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070219\
Data File : BF115350.D
Acq On : 2 Jul 2019 8:23
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jul 02 11:58:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	215897	20.00	ng		0.00
21) Naphthalene-d8	7.89	136	867947	20.00	ng		0.00
39) Acenaphthene-d10	9.64	164	418867	20.00	ng		0.01
64) Phenanthrene-d10	11.11	188	822293	20.00	ng		0.01
76) Chrysene-d12	13.73	240	539056	20.00	ng		0.01
87) Perylene-d12	15.09	264	719341	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	1017376	72.72	ng		0.00
7) Phenol-d6	6.25	99	1222778	72.01	ng		0.01
23) Nitrobenzene-d5	7.17	82	1088739	77.16	ng		0.00
42) 2,4,6-Tribromophenol	10.42	330	370923	83.97	ng		0.01
45) 2-Fluorobiphenyl	8.97	172	1952368	79.17	ng		0.00
79) Terphenyl-d14	12.69	244	2176722	85.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.17	88	230457	34.903	ng		98
3) Pyridine	2.82	79	643465	34.576	ng		98
4) n-Nitrosodimethylamine	2.77	42	237743	32.587	ng		98
6) Aniline	6.27	93	788066	33.767	ng	#	51
8) 2-Chlorophenol	6.39	128	593572	37.731	ng		100
9) Benzaldehyde	6.15	77	379339	34.241	ng		98
10) Phenol	6.27	94	683196	34.347	ng	#	75
11) bis(2-Chloroethyl)ether	6.35	93	538353	36.716	ng		98
12) 1,3-Dichlorobenzene	6.55	146	662850	37.966	ng		98
13) 1,4-Dichlorobenzene	6.62	146	667418	38.122	ng		99
14) 1,2-Dichlorobenzene	6.78	146	619330	38.199	ng		98
15) Benzyl Alcohol	6.75	79	328079	26.533	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.90	45	757562	35.623	ng		92
17) 2-Methylphenol	6.87	107	522910	40.270	ng		98
18) Hexachloroethane	7.12	117	240186	38.054	ng		99
19) n-Nitroso-di-n-propylamine	7.03	70	366556	33.717	ng		98
20) 3+4-Methylphenols	7.02	107	581202	38.763	ng		95
22) Acetophenone	7.02	105	769576	38.730	ng		94
24) Nitrobenzene	7.19	77	594188	38.226	ng		99
25) Isophorone	7.43	82	1025348	35.475	ng		99
26) 2-Nitrophenol	7.51	139	330216	43.017	ng		97
27) 2,4-Dimethylphenol	7.55	122	460250	36.619	ng		99
28) bis(2-Chloroethoxy)methane	7.65	93	681499	37.305	ng		100
29) 2,4-Dichlorophenol	7.75	162	509564	39.286	ng		100
30) 1,2,4-Trichlorobenzene	7.83	180	565951	39.503	ng		100
31) Naphthalene	7.91	128	1644202	38.591	ng		99
32) Benzoic acid	7.69	122	306139	34.124	ng		100
33) 4-Chloroaniline	7.96	127	737663	37.884	ng		100
34) Hexachlorobutadiene	8.04	225	317546	40.445	ng		99
35) Caprolactam	8.34	113	158343	36.311	ng		97
36) 4-Chloro-3-methylphenol	8.45	107	510501	38.864	ng		99
37) 2-Methylnaphthalene	8.60	142	1096437	38.168	ng		99
38) 1-Methylnaphthalene	8.70	142	1050422	38.286	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	489738	41.375	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	237640	33.859	ng	98
43) 2,4,6-Trichlorophenol	8.88	196	354925	38.840	ng	99
44) 2,4,5-Trichlorophenol	8.92	196	389078	41.345	ng	99
46) 1,1'-Biphenyl	9.07	154	1278763	38.155	ng	98
47) 2-Chloronaphthalene	9.08	162	1072424	39.448	ng	98
48) 2-Nitroaniline	9.18	65	320094	40.386	ng	97
49) Acenaphthylene	9.50	152	1639592	38.709	ng	99
50) Dimethylphthalate	9.37	163	1230205	39.920	ng	98
51) 2,6-Dinitrotoluene	9.42	165	281623	39.583	ng	96
52) Acenaphthene	9.67	154	954656	36.018	ng	99
53) 3-Nitroaniline	9.59	138	333680	38.432	ng	100
54) 2,4-Dinitrophenol	9.70	184	137755	41.517	ng	91
55) Dibenzofuran	9.84	168	1420701	37.346	ng	99
56) 4-Nitrophenol	9.76	139	240890	34.608	ng	90
57) 2,4-Dinitrotoluene	9.82	165	369779	40.252	ng	94
58) Fluorene	10.18	166	1009067	38.955	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.96	232	329114	41.708	ng	96
60) Diethylphthalate	10.07	149	1177205	38.002	ng	99
61) 4-Chlorophenyl-phenylether	10.18	204	496751	40.607	ng	100
62) 4-Nitroaniline	10.20	138	345286	39.643	ng	97
63) Azobenzene	10.34	77	1070938	37.013	ng	100
65) 4,6-Dinitro-2-methylphenol	10.24	198	180489	41.949	ng	96
66) n-Nitrosodiphenylamine	10.30	169	970734	37.892	ng	100
67) 4-Bromophenyl-phenylether	10.66	248	352497	39.538	ng	98
68) Hexachlorobenzene	10.73	284	383599	39.640	ng	98
69) Atrazine	10.82	200	322556	39.141	ng	99
70) Pentachlorophenol	10.92	266	229739	37.265	ng	96
71) Phenanthrene	11.13	178	1638576	37.010	ng	99
72) Anthracene	11.18	178	1671917	37.411	ng	99
73) Carbazole	11.34	167	1533722	38.432	ng	100
74) Di-n-butylphthalate	11.68	149	1815501	39.369	ng	99
75) Fluoranthene	12.31	202	1729914	39.162	ng	98
77) Benzidine	12.44	184	931340	38.909	ng	99
78) Pyrene	12.54	202	1740498	42.014	ng	99
80) Butylbenzylphthalate	13.17	149	821033	44.909	ng	97
81) Benzo(a)anthracene	13.72	228	1612161	41.680	ng	100
82) 3,3'-Dichlorobenzidine	13.69	252	624372	44.701	ng	98
83) Chrysene	13.76	228	1563465	44.127	ng	100
84) Bis(2-ethylhexyl)phthalate	13.74	149	1027673	42.900	ng	100
85) Di-n-octyl phthalate	14.34	149	1847159	45.893	ng	99
86) Indeno(1,2,3-cd)pyrene	16.38	276	1870198	44.608	ng	98
88) Benzo(b)fluoranthene	14.72	252	1654973	36.872	ng	99
89) Benzo(k)fluoranthene	14.75	252	1559650	38.747	ng	97
90) Benzo(a)pyrene	15.05	252	1557235	38.493	ng	98
91) Dibenzo(a,h)anthracene	16.40	278	1486972	39.372	ng	98
92) Benzo(g,h,i)perylene	16.77	276	1543396	40.376	ng	99

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

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