Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
Data File : BF108216.D
Acq On : 17 Aug 2018 00:58
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Aug 17 03:42:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	236743	20.00	ng		0.00
21) Naphthalene-d8	8.31	136	942584	20.00	ng		0.00
38) Acenaphthene-d10	10.07	164	480902	20.00	ng		0.00
63) Phenanthrene-d10	11.56	188	899185	20.00	ng		0.00
75) Chrysene-d12	14.22	240	622465	20.00	ng		0.00
86) Perylene-d12	15.78	264	533695	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	967931	74.02	ng		0.01
7) Phenol-d6	6.64	99	1316991	75.79	ng		0.01
23) Nitrobenzene-d5	7.59	82	1286792	76.18	ng		0.01
41) 2,4,6-Tribromophenol	10.86	330	386347	80.54	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	2270001	75.78	ng		0.00
78) Terphenyl-d14	13.15	244	2074288	84.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.87	88	225684	33.588	ng		89
3) Pyridine	3.66	79	605668	34.993	ng		85
4) n-Nitrosodimethylamine	3.63	42	335069	34.404	ng	#	84
6) Aniline	6.68	93	915028	38.713	ng		95
8) 2-Chlorophenol	6.81	128	565274	38.382	ng		97
9) Benzaldehyde	6.57	77	483780	35.909	ng		96
10) Phenol	6.65	94	676489	37.636	ng		87
11) bis(2-Chloroethyl)ether	6.75	93	553684	38.102	ng		94
12) 1,3-Dichlorobenzene	6.96	146	640720	37.625	ng		98
13) 1,4-Dichlorobenzene	7.04	146	642808	37.571	ng		98
14) 1,2-Dichlorobenzene	7.19	146	596741	37.497	ng		99
15) Benzyl Alcohol	7.15	79	559159	38.224	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.28	45	1091966	36.477	ng		96
17) 2-Methylphenol	7.26	107	480163	38.018	ng		96
18) Hexachloroethane	7.53	117	221170	36.310	ng		94
19) n-Nitroso-di-n-propylamine	7.43	70	432989	36.848	ng		92
20) 3+4-Methylphenols	7.42	107	605214	37.394	ng	#	82
22) Acetophenone	7.43	105	805137	36.531	ng	#	95
24) Nitrobenzene	7.61	77	646628	37.856	ng		97
25) Isophorone	7.84	82	1213694	37.697	ng		98
26) 2-Nitrophenol	7.92	139	272465	42.238	ng		92
27) 2,4-Dimethylphenol	7.94	122	536820	37.567	ng		97
28) bis(2-Chloroethoxy)methane	8.04	93	710572	37.805	ng		99
29) 2,4-Dichlorophenol	8.15	162	510432	38.815	ng		99
30) 1,2,4-Trichlorobenzene	8.24	180	544772	37.574	ng		97
31) Naphthalene	8.33	128	1596707	37.248	ng		98
32) Benzoic acid	8.07	122	282486	35.801	ng		98
33) 4-Chloroaniline	8.37	127	707890	37.893	ng		98
34) Hexachlorobutadiene	8.44	225	350989	38.241	ng		98
35) Caprolactam	8.76	113	162481	39.428	ng	#	82
36) 4-Chloro-3-methylphenol	8.85	107	542151	38.216	ng		98
37) 2-Methylnaphthalene	9.02	142	1127635	37.180	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	578089	39.145	ng		98
40) Hexachlorocyclopentadiene	9.17	237	207040	21.705	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	381298	41.607	ng		100
43) 2,4,5-Trichlorophenol	9.34	196	409079	40.550	ng	#	92
45) 1,1'-Biphenyl	9.48	154	1350656	38.093	ng		98
46) 2-Chloronaphthalene	9.51	162	1075056	38.362	ng		98
47) 2-Nitroaniline	9.61	65	376490	41.521	ng		90
48) Acenaphthylene	9.93	152	1690003	38.146	ng		97
49) Dimethylphthalate	9.78	163	1334397	39.834	ng		99
50) 2,6-Dinitrotoluene	9.85	165	283082	40.391	ng		96
51) Acenaphthene	10.10	154	1015115	37.409	ng		99
52) 3-Nitroaniline	10.02	138	312695	40.778	ng		91
53) 2,4-Dinitrophenol	10.12	184	65903	29.942	ng	#	20
54) Dibenzofuran	10.27	168	1468775	37.360	ng		95
55) 4-Nitrophenol	10.17	139	216274	37.245	ng		90
56) 2,4-Dinitrotoluene	10.25	165	377503	41.845	ng	#	98
57) Fluorene	10.62	166	1157939	37.207	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.39	232	340191	40.345	ng	#	86
59) Diethylphthalate	10.48	149	1276927	39.365	ng		94
60) 4-Chlorophenyl-phenylether	10.61	204	619840	38.223	ng		88
61) 4-Nitroaniline	10.64	138	307574	40.569	ng		96
62) Azobenzene	10.77	77	1256092	37.496	ng		93
64) 4,6-Dinitro-2-methylphenol	10.67	198	102812	32.414	ng		82
65) n-Nitrosodiphenylamine	10.72	169	1077180	40.539	ng		98
66) 4-Bromophenyl-phenylether	11.10	248	402579	41.198	ng		90
67) Hexachlorobenzene	11.17	284	405875	39.476	ng		91
68) Atrazine	11.25	200	373867	41.949	ng		96
69) Pentachlorophenol	11.36	266	186263	37.850	ng		98
70) Phenanthrene	11.59	178	1591770	37.532	ng		98
71) Anthracene	11.64	178	1665982	38.326	ng		98
72) Carbazole	11.79	167	1443325	37.372	ng		99
73) Di-n-butylphthalate	12.11	149	1903846	43.521	ng		98
74) Fluoranthene	12.78	202	1685777	36.420	ng		95
76) Benzidine	12.90	184	974911	41.919	ng		99
77) Pyrene	13.01	202	1656785	42.041	ng		98
79) Butylbenzylphthalate	13.61	149	745733	47.655	ng		94
80) Benzo(a)anthracene	14.21	228	1378853	38.598	ng		98
81) 3,3'-Dichlorobenzidine	14.16	252	500258	39.076	ng	#	99
82) Chrysene	14.25	228	1255646	38.340	ng		99
83) Bis(2-ethylhexyl)phthalate	14.17	149	978793	46.189	ng		100
84) Di-n-octyl phthalate	14.79	149	1571366	48.622	ng		95
85) Indeno(1,2,3-cd)pyrene	17.40	276	1061836	37.419	ng	#	91
87) Benzo(b)fluoranthene	15.31	252	1267412	39.743	ng	#	96
88) Benzo(k)fluoranthene	15.34	252	1126770	38.437	ng	#	97
89) Benzo(a)pyrene	15.71	252	1114649	39.032	ng	#	97
90) Dibenzo(a,h)anthracene	17.42	278	900008	38.090	ng	#	94
91) Benzo(g,h,i)perylene	17.90	276	831934	35.757	ng	#	90

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

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