Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
Data File : BF112899.D
Acq On : 6 Mar 2019 23:47
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Mar 07 00:17:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	196367	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	715997	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	276869	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	483350	20.00	ng	0.00
76) Chrysene-d12	13.86	240	414460	20.00	ng	-0.01
87) Perylene-d12	15.26	264	544932	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	889831	70.49	ng	-0.01
7) Phenol-d6	6.37	99	1184188	74.68	ng	0.00
23) Nitrobenzene-d5	7.29	82	1013990	84.74	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	280664	95.49	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1555194	96.49	ng	0.00
79) Terphenyl-d14	12.82	244	1285568	60.13	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.38	88	229753	36.308	ng	97
3) Pyridine	3.09	79	592381	34.991	ng	97
4) n-Nitrosodimethylamine	3.02	42	236804	31.976	ng	93
6) Aniline	6.39	93	774848	35.499	ng	99
8) 2-Chlorophenol	6.52	128	540993	38.498	ng	97
9) Benzaldehyde	6.27	77	338856	29.657	ng	98
10) Phenol	6.38	94	687436	37.150	ng	96
11) bis(2-Chloroethyl)ether	6.47	93	520035	36.614	ng	96
12) 1,3-Dichlorobenzene	6.67	146	580840	40.013	ng	98
13) 1,4-Dichlorobenzene	6.75	146	580628	39.884	ng	97
14) 1,2-Dichlorobenzene	6.90	146	532292	39.885	ng	99
15) Benzyl Alcohol	6.87	79	441289	36.495	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	833435	35.162	ng	97
17) 2-Methylphenol	6.99	107	413021	36.230	ng	97
18) Hexachloroethane	7.25	117	213625	38.308	ng	97
19) n-Nitroso-di-n-propylamine	7.15	70	335677	33.424	ng	96
20) 3+4-Methylphenols	7.15	107	471011	36.596	ng	97
22) Acetophenone	7.14	105	678196	40.509	ng	95
24) Nitrobenzene	7.31	77	540647	40.596	ng	99
25) Isophorone	7.55	82	949267	36.825	ng	100
26) 2-Nitrophenol	7.63	139	273060	49.254	ng	98
27) 2,4-Dimethylphenol	7.67	122	401106	38.890	ng	100
28) bis(2-Chloroethoxy)methane	7.77	93	623632	38.694	ng	98
29) 2,4-Dichlorophenol	7.87	162	417073	41.700	ng	96
30) 1,2,4-Trichlorobenzene	7.96	180	454380	42.280	ng	99
31) Naphthalene	8.03	128	1412793	39.744	ng	99
32) Benzoic acid	7.77	122	234784	32.479	ng	90
33) 4-Chloroaniline	8.08	127	584602	38.828	ng	98
34) Hexachlorobutadiene	8.16	225	271621	44.816	ng	99
35) Caprolactam	8.45	113	114478	32.497	ng	90
36) 4-Chloro-3-methylphenol	8.56	107	370026	33.429	ng	100
37) 2-Methylnaphthalene	8.73	142	809609	35.268	ng	99
38) 1-Methylnaphthalene	8.83	142	790927	35.567	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	381652	47.271	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	155009	35.060	ng		99
43) 2,4,6-Trichlorophenol	9.00	196	244723	44.042	ng		99
44) 2,4,5-Trichlorophenol	9.05	196	263574	43.885	ng		95
46) 1,1'-Biphenyl	9.19	154	983825	43.565	ng		100
47) 2-Chloronaphthalene	9.21	162	770959	43.721	ng		99
48) 2-Nitroaniline	9.30	65	228626	42.656	ng		95
49) Acenaphthylene	9.62	152	1200510	40.103	ng		99
50) Dimethylphthalate	9.49	163	818370	40.087	ng		100
51) 2,6-Dinitrotoluene	9.55	165	183744	43.222	ng	#	83
52) Acenaphthene	9.80	154	680325	38.862	ng		99
53) 3-Nitroaniline	9.71	138	208991	40.345	ng		95
54) 2,4-Dinitrophenol	9.82	184	47293	31.456	ng		97
55) Dibenzofuran	9.97	168	1026371	40.339	ng		96
56) 4-Nitrophenol	9.87	139	163151	38.753	ng		95
57) 2,4-Dinitrotoluene	9.95	165	232032	43.909	ng		87
58) Fluorene	10.31	166	731906	40.530	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.09	232	199972	39.963	ng		95
60) Diethylphthalate	10.19	149	812271	37.673	ng		99
61) 4-Chlorophenyl-phenylether	10.30	204	361177	42.987	ng		91
62) 4-Nitroaniline	10.32	138	193690	40.464	ng		97
63) Azobenzene	10.46	77	778378	35.245	ng		92
65) 4,6-Dinitro-2-methylphenol	10.35	198	71380	37.100	ng		83
66) n-Nitrosodiphenylamine	10.42	169	667091	43.034	ng		99
67) 4-Bromophenyl-phenylether	10.79	248	240291	47.198	ng		97
68) Hexachlorobenzene	10.86	284	261482	45.562	ng		92
69) Atrazine	10.95	200	206325	43.459	ng		97
70) Pentachlorophenol	11.05	266	147396	43.636	ng		98
71) Phenanthrene	11.26	178	1011156	42.046	ng		99
72) Anthracene	11.32	178	1028415	40.853	ng		99
73) Carbazole	11.47	167	925404	37.684	ng		98
74) Di-n-butylphthalate	11.80	149	1051309	35.704	ng		100
75) Fluoranthene	12.45	202	937939	36.403	ng		96
77) Benzidine	12.56	184	506661	23.562	ng		100
78) Pyrene	12.67	202	951750	27.240	ng		100
80) Butylbenzylphthalate	13.29	149	431924	28.006	ng		95
81) Benzo(a)anthracene	13.85	228	1049546	36.538	ng		99
82) 3,3'-Dichlorobenzidine	13.82	252	478961	44.088	ng		98
83) Chrysene	13.89	228	1072966	38.134	ng		99
84) Bis(2-ethylhexyl)phthalate	13.86	149	653440	36.122	ng		99
85) Di-n-octyl phthalate	14.46	149	1295398	41.702	ng		97
86) Indeno(1,2,3-cd)pyrene	16.63	276	1204719	50.223	ng		95
88) Benzo(b)fluoranthene	14.87	252	1236182	35.071	ng		98
89) Benzo(k)fluoranthene	14.90	252	1143743	35.823	ng		98
90) Benzo(a)pyrene	15.21	252	1271203	40.774	ng		99
91) Dibenzo(a,h)anthracene	16.64	278	980670	36.862	ng		98
92) Benzo(g,h,i)perylene	17.03	276	944840	35.369	ng		96

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

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