Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022719\
Data File : BF112717.D
Acq On : 27 Feb 2019 13:38
Operator : JU/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF022719

Quant Time: Mar 01 15:14:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 27 16:08:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	219395	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	883005	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	410001	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	797394	20.00	ng		0.00
76) Chrysene-d12	13.87	240	498823	20.00	ng		0.00
87) Perylene-d12	15.27	264	470294	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1084780	76.91	ng		0.00
7) Phenol-d6	6.37	99	1366688	77.14	ng		0.00
23) Nitrobenzene-d5	7.30	82	1216357	82.43	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	353973	81.32	ng		0.00
45) 2-Fluorobiphenyl	9.10	172	2016277	84.28	ng		0.00
79) Terphenyl-d14	12.83	244	2067799	80.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	279782	39.574	ng		99
3) Pyridine	3.13	79	762656	40.321	ng		99
4) n-Nitrosodimethylamine	3.07	42	333216	40.272	ng		100
6) Aniline	6.40	93	948047	38.875	ng		99
8) 2-Chlorophenol	6.53	128	613774	39.093	ng		95
9) Benzaldehyde	6.29	77	498553	39.054	ng		100
10) Phenol	6.39	94	838630	40.563	ng		99
11) bis(2-Chloroethyl)ether	6.48	93	621070	39.138	ng		96
12) 1,3-Dichlorobenzene	6.68	146	638800	39.386	ng		99
13) 1,4-Dichlorobenzene	6.76	146	633055	38.921	ng		99
14) 1,2-Dichlorobenzene	6.92	146	580236	38.914	ng		99
15) Benzyl Alcohol	6.88	79	539997	39.971	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	1041472	39.327	ng		99
17) 2-Methylphenol	6.99	107	495793	38.926	ng		99
18) Hexachloroethane	7.26	117	248055	39.813	ng		98
19) n-Nitroso-di-n-propylamine	7.16	70	441797	39.373	ng		98
20) 3+4-Methylphenols	7.15	107	556025	38.667	ng	#	88
22) Acetophenone	7.15	105	822483	39.835	ng		98
24) Nitrobenzene	7.32	77	667298	40.629	ng		99
25) Isophorone	7.57	82	1249773	39.312	ng		98
26) 2-Nitrophenol	7.64	139	300751	43.989	ng		97
27) 2,4-Dimethylphenol	7.68	122	499077	39.237	ng		99
28) bis(2-Chloroethoxy)methane	7.78	93	778289	39.157	ng		99
29) 2,4-Dichlorophenol	7.88	162	491397	39.838	ng		96
30) 1,2,4-Trichlorobenzene	7.97	180	524041	39.540	ng		99
31) Naphthalene	8.05	128	1681244	38.350	ng		99
32) Benzoic acid	7.80	122	375867	42.161	ng		98
33) 4-Chloroaniline	8.09	127	713396	38.420	ng		99
34) Hexachlorobutadiene	8.17	225	298774	39.972	ng		99
35) Caprolactam	8.46	113	175379	40.369	ng		96
36) 4-Chloro-3-methylphenol	8.57	107	538532	39.451	ng		99
37) 2-Methylnaphthalene	8.73	142	1108724	39.163	ng		99
38) 1-Methylnaphthalene	8.83	142	1067988	38.943	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	469998	39.310	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	266087	40.642	ng		99
43) 2,4,6-Trichlorophenol	9.01	196	328068	39.870	ng		99
44) 2,4,5-Trichlorophenol	9.05	196	358657	40.326	ng		100
46) 1,1'-Biphenyl	9.20	154	1343931	40.187	ng		100
47) 2-Chloronaphthalene	9.22	162	1027377	39.344	ng		99
48) 2-Nitroaniline	9.31	65	344117	43.356	ng		98
49) Acenaphthylene	9.63	152	1718121	38.757	ng		100
50) Dimethylphthalate	9.50	163	1194720	39.519	ng		99
51) 2,6-Dinitrotoluene	9.56	165	272294	43.253	ng	#	83
52) Acenaphthene	9.80	154	1016631	39.216	ng		99
53) 3-Nitroaniline	9.72	138	317098	41.337	ng		97
54) 2,4-Dinitrophenol	9.82	184	96586	40.935	ng		96
55) Dibenzofuran	9.97	168	1453232	38.570	ng		100
56) 4-Nitrophenol	9.87	139	271676	43.577	ng		98
57) 2,4-Dinitrotoluene	9.95	165	352847	45.090	ng		98
58) Fluorene	10.32	166	1030383	38.531	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.09	232	301642	40.707	ng		99
60) Diethylphthalate	10.20	149	1251882	39.208	ng		99
61) 4-Chlorophenyl-phenylether	10.31	204	482103	38.748	ng		99
62) 4-Nitroaniline	10.33	138	295361	41.668	ng		98
63) Azobenzene	10.47	77	1268374	38.784	ng		99
65) 4,6-Dinitro-2-methylphenol	10.36	198	131733	40.956	ng		98
66) n-Nitrosodiphenylamine	10.43	169	1009327	39.468	ng		100
67) 4-Bromophenyl-phenylether	10.80	248	334534	39.831	ng		99
68) Hexachlorobenzene	10.86	284	375532	39.664	ng		100
69) Atrazine	10.96	200	302309	38.598	ng		97
70) Pentachlorophenol	11.05	266	229381	41.163	ng		98
71) Phenanthrene	11.27	178	1582581	39.890	ng		99
72) Anthracene	11.32	178	1609721	38.761	ng		100
73) Carbazole	11.47	167	1546738	38.179	ng		100
74) Di-n-butylphthalate	11.82	149	1884810	38.801	ng		98
75) Fluoranthene	12.45	202	1699618	39.986	ng		99
77) Benzidine	12.57	184	1006656	38.897	ng	#	94
78) Pyrene	12.68	202	1713137	40.739	ng		99
80) Butylbenzylphthalate	13.30	149	787312	42.415	ng		100
81) Benzo(a)anthracene	13.86	228	1413056	40.873	ng		99
82) 3,3'-Dichlorobenzidine	13.83	252	531847	40.676	ng		98
83) Chrysene	13.90	228	1365299	40.317	ng		100
84) Bis(2-ethylhexyl)phthalate	13.87	149	910442	41.817	ng		99
85) Di-n-octyl phthalate	14.48	149	1559661	41.718	ng		99
86) Indeno(1,2,3-cd)pyrene	16.62	276	1062148	36.790	ng		99
88) Benzo(b)fluoranthene	14.87	252	1319041	43.361	ng		99
89) Benzo(k)fluoranthene	14.90	252	1040093	37.747	ng		99
90) Benzo(a)pyrene	15.22	252	1091682	40.573	ng		99
91) Dibenzo(a,h)anthracene	16.64	278	868346	37.820	ng		99
92) Benzo(g,h,i)perylene	17.03	276	862990	37.432	ng		98

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

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