Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
Data File : BF107526.D
Acq On : 20 Jul 2018 16:21
Operator : JU/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF072018

Quant Time: Jul 20 16:43:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	372960	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	1487220	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	668507	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	1277392	20.00	ng		0.00
75) Chrysene-d12	14.17	240	1012954	20.00	ng		0.00
86) Perylene-d12	15.72	264	999372	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1779788	76.73	ng		0.00
7) Phenol-d6	6.61	99	2052871	73.70	ng		0.00
23) Nitrobenzene-d5	7.55	82	1811676	82.21	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	615678	80.99	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	3040634	75.53	ng		0.00
78) Terphenyl-d14	13.10	244	2906789	73.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.86	88	399158	36.970	ng	#	82
3) Pyridine	3.63	79	1121074	38.167	ng		85
4) n-Nitrosodimethylamine	3.61	42	453747	36.628	ng		97
6) Aniline	6.65	93	1326442	36.923	ng	#	89
8) 2-Chlorophenol	6.77	128	944321	37.998	ng		93
9) Benzaldehyde	6.53	77	626609	36.357	ng		98
10) Phenol	6.62	94	1210382	36.950	ng		90
11) bis(2-Chloroethyl)ether	6.71	93	1059234	39.003	ng		91
12) 1,3-Dichlorobenzene	6.92	146	1070117	37.978	ng		98
13) 1,4-Dichlorobenzene	7.00	146	1093387	37.860	ng		99
14) 1,2-Dichlorobenzene	7.15	146	952894	36.767	ng		98
15) Benzyl Alcohol	7.12	79	746882	39.345	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1698317	37.068	ng		92
17) 2-Methylphenol	7.23	107	767959	36.357	ng		96
18) Hexachloroethane	7.48	117	394541	38.950	ng		95
19) n-Nitroso-di-n-propylamine	7.39	70	652263	36.250	ng		99
20) 3+4-Methylphenols	7.38	107	917446	36.578	ng	#	72
22) Acetophenone	7.39	105	1250507	35.803	ng	#	91
24) Nitrobenzene	7.57	77	1025759	40.640	ng		97
25) Isophorone	7.80	82	1714334	36.434	ng		99
26) 2-Nitrophenol	7.88	139	482003	45.221	ng		97
27) 2,4-Dimethylphenol	7.91	122	768209	38.076	ng		99
28) bis(2-Chloroethoxy)methane	8.00	93	1165248	37.057	ng		98
29) 2,4-Dichlorophenol	8.12	162	809933	39.275	ng		99
30) 1,2,4-Trichlorobenzene	8.20	180	855831	36.950	ng		99
31) Naphthalene	8.28	128	2367418	36.199	ng		95
32) Benzoic acid	8.05	122	540693	39.969	ng		96
33) 4-Chloroaniline	8.33	127	957792	33.507	ng		96
34) Hexachlorobutadiene	8.39	225	532014	38.656	ng		98
35) Caprolactam	8.71	113	250439	37.337	ng	#	69
36) 4-Chloro-3-methylphenol	8.82	107	865518	37.783	ng		97
37) 2-Methylnaphthalene	8.97	142	1647751	36.359	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	842766	37.797	ng		98
40) Hexachlorocyclopentadiene	9.12	237	472618	41.696	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	562071	39.382	ng		98
43) 2,4,5-Trichlorophenol	9.30	196	600353	40.247	ng		95
45) 1,1'-Biphenyl	9.44	154	2116592	36.346	ng		96
46) 2-Chloronaphthalene	9.47	162	1634393	36.717	ng		98
47) 2-Nitroaniline	9.57	65	561769	43.289	ng		92
48) Acenaphthylene	9.88	152	2436802	36.442	ng		95
49) Dimethylphthalate	9.74	163	1826704	36.256	ng		98
50) 2,6-Dinitrotoluene	9.81	165	414678	41.455	ng		94
51) Acenaphthene	10.06	154	1589856	37.948	ng		99
52) 3-Nitroaniline	9.98	138	495737	40.737	ng		98
53) 2,4-Dinitrophenol	10.08	184	161149	45.264	ng	#	23
54) Dibenzofuran	10.23	168	2225019	36.074	ng		94
55) 4-Nitrophenol	10.15	139	375555	41.219	ng		95
56) 2,4-Dinitrotoluene	10.21	165	518381	42.931	ng		97
57) Fluorene	10.57	166	1650580	37.511	ng		94
58) 2,3,4,6-Tetrachlorophenol	10.35	232	495430	39.908	ng		91
59) Diethylphthalate	10.44	149	1909009	36.280	ng		95
60) 4-Chlorophenyl-phenylether	10.56	204	907230	36.470	ng		96
61) 4-Nitroaniline	10.60	138	401672	39.286	ng		98
62) Azobenzene	10.72	77	1839977	37.291	ng		89
64) 4,6-Dinitro-2-methylphenol	10.62	198	260073	43.227	ng		91
65) n-Nitrosodiphenylamine	10.68	169	1583122	36.491	ng		97
66) 4-Bromophenyl-phenylether	11.05	248	565364	37.598	ng	#	89
67) Hexachlorobenzene	11.12	284	625850	37.826	ng	#	91
68) Atrazine	11.21	200	510696	38.555	ng		96
69) Pentachlorophenol	11.32	266	424308	41.057	ng		99
70) Phenanthrene	11.54	178	2209715	35.499	ng		95
71) Anthracene	11.60	178	2235844	35.674	ng		95
72) Carbazole	11.75	167	2342447	35.942	ng		96
73) Di-n-butylphthalate	12.07	149	2695863	38.525	ng	#	95
74) Fluoranthene	12.74	202	2410069	36.081	ng		96
76) Benzidine	12.85	184	868190	29.762	ng		95
77) Pyrene	12.97	202	2465840	35.589	ng		96
79) Butylbenzylphthalate	13.57	149	1248255	41.892	ng	#	96
80) Benzo(a)anthracene	14.16	228	2201714	37.090	ng		96
81) 3,3'-Dichlorobenzidine	14.12	252	707366	38.645	ng		98
82) Chrysene	14.20	228	2086622	36.593	ng		95
83) Bis(2-ethylhexyl)phthalate	14.13	149	1652918	39.314	ng		97
84) Di-n-octyl phthalate	14.76	149	2666356	40.800	ng		97
85) Indeno(1,2,3-cd)pyrene	17.30	276	1942810	40.201	ng		97
87) Benzo(b)fluoranthene	15.26	252	1981226	36.223	ng		97
88) Benzo(k)fluoranthene	15.29	252	1992108	37.176	ng		98
89) Benzo(a)pyrene	15.65	252	1858497	37.147	ng		98
90) Dibenzo(a,h)anthracene	17.32	278	1626936	37.619	ng		98
91) Benzo(g,h,i)perylene	17.78	276	1561250	36.598	ng		94

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

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