Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118964.D
Acq On : 20 Feb 2020 17:35
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF022020

Quant Time: Feb 20 18:14:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 20 17:40:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	186758	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	685165	20.00	ng		0.00
39) Acenaphthene-d10	9.79	164	381403	20.00	ng		0.00
64) Phenanthrene-d10	11.27	188	698307	20.00	ng		0.00
76) Chrysene-d12	13.91	240	542058	20.00	ng		0.00
87) Perylene-d12	15.33	264	566621	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	859957	76.95	ng		0.00
7) Phenol-d6	6.40	99	1045383	76.92	ng		0.00
23) Nitrobenzene-d5	7.33	82	976673	75.26	ng		0.00
42) 2,4,6-Tribromophenol	10.58	330	374342	75.03	ng		0.00
45) 2-Fluorobiphenyl	9.12	172	1871729	72.30	ng		0.00
79) Terphenyl-d14	12.86	244	2278060	72.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	188226	37.830	ng		99
3) Pyridine	3.18	79	537234	39.536	ng		99
4) n-Nitrosodimethylamine	3.13	42	158695	38.552	ng		98
6) Aniline	6.42	93	652939	38.934	ng	#	80
8) 2-Chlorophenol	6.55	128	466342	38.668	ng		100
9) Benzaldehyde	6.31	77	353507	38.931	ng		99
10) Phenol	6.42	94	574672	39.108	ng		99
11) bis(2-Chloroethyl)ether	6.50	93	433841	38.586	ng		99
12) 1,3-Dichlorobenzene	6.70	146	559370	38.698	ng		99
13) 1,4-Dichlorobenzene	6.78	146	559124	38.654	ng		98
14) 1,2-Dichlorobenzene	6.93	146	516693	39.167	ng		100
15) Benzyl Alcohol	6.90	79	384279	39.121	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.04	45	376281	38.634	ng		100
17) 2-Methylphenol	7.02	107	377209	38.578	ng		99
18) Hexachloroethane	7.27	117	200076	38.662	ng		98
19) n-Nitroso-di-n-propylamine	7.18	70	304528	38.453	ng		100
20) 3+4-Methylphenols	7.17	107	447957	37.394	ng		98
22) Acetophenone	7.17	105	595109	37.539	ng		99
24) Nitrobenzene	7.35	77	481392	37.513	ng		98
25) Isophorone	7.59	82	844131	37.456	ng		99
26) 2-Nitrophenol	7.66	139	258273	37.985	ng		98
27) 2,4-Dimethylphenol	7.70	122	346317	37.529	ng		100
28) bis(2-Chloroethoxy)methane	7.79	93	549763	37.478	ng		100
29) 2,4-Dichlorophenol	7.90	162	412946	38.013	ng		99
30) 1,2,4-Trichlorobenzene	7.99	180	486619	37.781	ng		98
31) Naphthalene	8.06	128	1339498	37.696	ng		99
32) Benzoic acid	7.84	122	248821	38.491	ng		95
33) 4-Chloroaniline	8.12	127	557684	36.490	ng		100
34) Hexachlorobutadiene	8.19	225	303238	37.796	ng		98
35) Caprolactam	8.49	113	130993	39.161	ng		100
36) 4-Chloro-3-methylphenol	8.60	107	415102	37.756	ng		98
37) 2-Methylnaphthalene	8.76	142	912091	38.142	ng		99
38) 1-Methylnaphthalene	8.85	142	862272	38.342	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	479639	37.299	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	140357	35.859 ng	96
43) 2,4,6-Trichlorophenol	9.03	196	303766	37.407 ng	99
44) 2,4,5-Trichlorophenol	9.08	196	315704	37.048 ng	99
46) 1,1'-Biphenyl	9.22	154	1151274	37.349 ng	98
47) 2-Chloronaphthalene	9.25	162	932537	37.541 ng	99
48) 2-Nitroaniline	9.34	65	259422	37.443 ng	98
49) Acenaphthylene	9.66	152	1347446	37.557 ng	100
50) Dimethylphthalate	9.52	163	1095203	37.552 ng	100
51) 2,6-Dinitrotoluene	9.58	165	245365	37.867 ng	99
52) Acenaphthene	9.83	154	820394	37.923 ng	100
53) 3-Nitroaniline	9.75	138	267954	37.302 ng	97
54) 2,4-Dinitrophenol	9.86	184	101432	36.674 ng	98
55) Dibenzofuran	10.00	168	1232158	38.160 ng	99
56) 4-Nitrophenol	9.92	139	162461	37.642 ng	94
57) 2,4-Dinitrotoluene	9.99	165	326115	38.829 ng	99
58) Fluorene	10.35	166	943857	37.618 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.12	232	267293	37.174 ng	98
60) Diethylphthalate	10.22	149	1055785	38.414 ng	100
61) 4-Chlorophenyl-phenylether	10.33	204	497600	37.467 ng	99
62) 4-Nitroaniline	10.36	138	277906	37.813 ng	98
63) Azobenzene	10.49	77	907939	38.005 ng	99
65) 4,6-Dinitro-2-methylphenol	10.40	198	164638	38.963 ng	98
66) n-Nitrosodiphenylamine	10.45	169	854090	37.353 ng	99
67) 4-Bromophenyl-phenylether	10.82	248	348159	38.143 ng	98
68) Hexachlorobenzene	10.89	284	399613	37.972 ng	99
69) Atrazine	10.98	200	304988	38.177 ng	100
70) Pentachlorophenol	11.09	266	162530	38.339 ng	99
71) Phenanthrene	11.30	178	1453473	38.167 ng	99
72) Anthracene	11.35	178	1448960	38.080 ng	100
73) Carbazole	11.50	167	1291184	38.090 ng	100
74) Di-n-butylphthalate	11.84	149	1601607	39.015 ng	100
75) Fluoranthene	12.49	202	1565553	38.729 ng	100
77) Benzidine	12.60	184	790533	35.860 ng	96
78) Pyrene	12.72	202	1568464	36.035 ng	99
80) Butylbenzylphthalate	13.33	149	689165	37.620 ng	92
81) Benzo(a)anthracene	13.90	228	1393591	37.732 ng	99
82) 3,3'-Dichlorobenzidine	13.86	252	543290	37.882 ng	99
83) Chrysene	13.94	228	1369746	37.220 ng	100
84) Bis(2-ethylhexyl)phthalate	13.89	149	896329	38.729 ng	100
85) Di-n-octyl phthalate	14.50	149	1509713	40.942 ng	100
86) Indeno(1,2,3-cd)pyrene	16.74	276	1331435	37.364 ng	99
88) Benzo(b)fluoranthene	14.93	252	1468480	39.318 ng	99
89) Benzo(k)fluoranthene	14.96	252	1281121	37.014 ng	99
90) Benzo(a)pyrene	15.28	252	1245935	36.963 ng	99
91) Dibenzo(a,h)anthracene	16.75	278	1096092	36.956 ng	98
92) Benzo(g,h,i)perylene	17.16	276	1053429	35.947 ng	98

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

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