Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118958.D
Acq On : 20 Feb 2020 13:43
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC020

Quant Time: Feb 20 15:27:39 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 15:19:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	161997	20.00	ng		0.00
21) Naphthalene-d8	8.04	136	609169	20.00	ng		0.00
39) Acenaphthene-d10	9.79	164	337828	20.00	ng		0.00
64) Phenanthrene-d10	11.27	188	630357	20.00	ng		0.00
76) Chrysene-d12	13.91	240	496168	20.00	ng		0.00
87) Perylene-d12	15.33	264	487545	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	418675	49.22	ng		0.00
7) Phenol-d6	6.39	99	510625	47.49	ng		-0.01
23) Nitrobenzene-d5	7.32	82	466518	42.59	ng		0.00
42) 2,4,6-Tribromophenol	10.58	330	184471	44.08	ng		0.00
45) 2-Fluorobiphenyl	9.12	172	993013	47.48	ng		0.00
79) Terphenyl-d14	12.85	244	1243577	49.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	87437	22.939	ng		99
3) Pyridine	3.18	79	230231	21.875	ng		99
4) n-Nitrosodimethylamine	3.10	42	68687	21.191	ng		96
6) Aniline	6.42	93	315938	22.468	ng		99
8) 2-Chlorophenol	6.55	128	225667	21.952	ng		98
9) Benzaldehyde	6.31	77	175975	27.404	ng		98
10) Phenol	6.41	94	281536	22.902	ng		85
11) bis(2-Chloroethyl)ether	6.49	93	203802	21.111	ng		99
12) 1,3-Dichlorobenzene	6.70	146	270639	21.946	ng		99
13) 1,4-Dichlorobenzene	6.77	146	266759	21.576	ng		98
14) 1,2-Dichlorobenzene	6.93	146	251678	22.167	ng		99
15) Benzyl Alcohol	6.90	79	183902	21.927	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.04	45	177732	20.418	ng		99
17) 2-Methylphenol	7.02	107	180076	21.385	ng		98
18) Hexachloroethane	7.27	117	94199	21.208	ng		96
19) n-Nitroso-di-n-propylamine	7.17	70	149006	21.720	ng		99
20) 3+4-Methylphenols	7.17	107	228325	23.234	ng		91
22) Acetophenone	7.17	105	295071	22.257	ng	#	96
24) Nitrobenzene	7.34	77	229077	20.655	ng		99
25) Isophorone	7.58	82	399479	20.369	ng		100
26) 2-Nitrophenol	7.66	139	118070	19.934	ng		96
27) 2,4-Dimethylphenol	7.70	122	162564	20.508	ng		97
28) bis(2-Chloroethoxy)methane	7.79	93	264357	20.606	ng		100
29) 2,4-Dichlorophenol	7.90	162	196580	20.794	ng		98
30) 1,2,4-Trichlorobenzene	7.99	180	237252	21.391	ng		98
31) Naphthalene	8.06	128	664589	21.528	ng		100
32) Benzoic acid	7.81	122	90366	15.781	ng		98
33) 4-Chloroaniline	8.11	127	281401	21.291	ng		98
34) Hexachlorobutadiene	8.19	225	144597	21.073	ng		98
35) Caprolactam	8.46	113	59102	20.663	ng		98
36) 4-Chloro-3-methylphenol	8.59	107	196844	20.838	ng		99
37) 2-Methylnaphthalene	8.75	142	449956	21.850	ng		99
38) 1-Methylnaphthalene	8.85	142	422004	21.853	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	237835	21.945	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	45760	14.071 ng	95
43) 2,4,6-Trichlorophenol	9.03	196	144212	20.163 ng	99
44) 2,4,5-Trichlorophenol	9.07	196	152622	20.581 ng	97
46) 1,1'-Biphenyl	9.22	154	584788	22.516 ng	99
47) 2-Chloronaphthalene	9.24	162	457122	21.208 ng	99
48) 2-Nitroaniline	9.33	65	121535	20.152 ng	98
49) Acenaphthylene	9.65	152	674439	21.915 ng	99
50) Dimethylphthalate	9.52	163	533163	20.904 ng	99
51) 2,6-Dinitrotoluene	9.57	165	114605	20.117 ng	100
52) Acenaphthene	9.83	154	405130	21.625 ng	98
53) 3-Nitroaniline	9.75	138	129897	20.718 ng	97
54) 2,4-Dinitrophenol	9.86	184	36123	14.256 ng	96
55) Dibenzofuran	10.00	168	625470	22.366 ng	97
56) 4-Nitrophenol	9.91	139	72936	18.884 ng	96
57) 2,4-Dinitrotoluene	9.98	165	154594	20.978 ng	97
58) Fluorene	10.34	166	488969	22.561 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.12	232	128092	20.097 ng	98
60) Diethylphthalate	10.21	149	515289	21.431 ng	99
61) 4-Chlorophenyl-phenylether	10.33	204	259651	22.515 ng	99
62) 4-Nitroaniline	10.35	138	132994	20.605 ng	99
63) Azobenzene	10.49	77	448052	21.189 ng	96
65) 4,6-Dinitro-2-methylphenol	10.39	198	71359	18.369 ng	98
66) n-Nitrosodiphenylamine	10.45	169	432071	21.644 ng	98
67) 4-Bromophenyl-phenylether	10.82	248	171552	21.199 ng	97
68) Hexachlorobenzene	10.89	284	194780	21.024 ng	93
69) Atrazine	10.97	200	151460	22.668 ng	98
70) Pentachlorophenol	11.09	266	67495	17.017 ng	99
71) Phenanthrene	11.30	178	745921	22.535 ng	99
72) Anthracene	11.35	178	736532	22.240 ng	99
73) Carbazole	11.50	167	656775	22.126 ng	99
74) Di-n-butylphthalate	11.83	149	808575	21.469 ng	100
75) Fluoranthene	12.48	202	795775	21.582 ng	100
77) Benzidine	12.60	184	431375	27.156 ng	98
78) Pyrene	12.71	202	805136	22.486 ng	99
80) Butylbenzylphthalate	13.33	149	322749	20.570 ng	96
81) Benzo(a)anthracene	13.90	228	701485	23.071 ng	99
82) 3,3'-Dichlorobenzidine	13.86	252	268141	22.664 ng	99
83) Chrysene	13.93	228	699573	22.951 ng	98
84) Bis(2-ethylhexyl)phthalate	13.89	149	437800	22.019 ng	99
85) Di-n-octyl phthalate	14.50	149	676630	21.109 ng	99
86) Indeno(1,2,3-cd)pyrene	16.73	276	617127	20.571 ng	99
88) Benzo(b)fluoranthene	14.92	252	684456	20.825 ng	98
89) Benzo(k)fluoranthene	14.95	252	631804	21.632 ng	98
90) Benzo(a)pyrene	15.27	252	583295	20.599 ng	99
91) Dibenzo(a,h)anthracene	16.74	278	511296	19.923 ng	98
92) Benzo(g,h,i)perylene	17.15	276	487722	19.261 ng	98

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

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