Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118961.D
Acq On : 20 Feb 2020 15:24
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
2/21/2020 2:18:42 PM

Quant Time: Feb 20 16:07:19 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	166603	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	586931	20.00	ng		0.00
39) Acenaphthene-d10	9.80	164	315456	20.00	ng		0.00
64) Phenanthrene-d10	11.27	188	580727	20.00	ng		0.00
76) Chrysene-d12	13.92	240	413094	20.00	ng		0.00
87) Perylene-d12	15.33	264	374575	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	1189254	135.95	ng		0.00
7) Phenol-d6	6.41	99	1435070	129.77	ng		0.00
23) Nitrobenzene-d5	7.33	82	1330547	126.09	ng		0.00
42) 2,4,6-Tribromophenol	10.59	330	495711	126.85	ng		0.00
45) 2-Fluorobiphenyl	9.12	172	2426458	124.25	ng		0.00
79) Terphenyl-d14	12.86	244	2774425	132.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	272982	69.636	ng		99
3) Pyridine	3.18	79	750860	69.368	ng		98
4) n-Nitrosodimethylamine	3.13	42	230263	69.076	ng		96
6) Aniline	6.43	93	882870	61.048	ng	#	76
8) 2-Chlorophenol	6.55	128	640575	60.591	ng		96
9) Benzaldehyde	6.31	77	483909	73.275	ng		98
10) Phenol	6.42	94	772162	61.076	ng		95
11) bis(2-Chloroethyl)ether	6.50	93	601833	60.619	ng		99
12) 1,3-Dichlorobenzene	6.70	146	766215	60.416	ng		99
13) 1,4-Dichlorobenzene	6.78	146	769717	60.536	ng		99
14) 1,2-Dichlorobenzene	6.93	146	696959	59.688	ng		98
15) Benzyl Alcohol	6.91	79	523905	60.739	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.05	45	520255	58.115	ng		99
17) 2-Methylphenol	7.03	107	520924	60.152	ng		95
18) Hexachloroethane	7.27	117	277931	60.844	ng		98
19) n-Nitroso-di-n-propylamine	7.19	70	412465	58.460	ng		97
20) 3+4-Methylphenols	7.18	107	591938	58.570	ng		95
22) Acetophenone	7.18	105	799208	62.568	ng		98
24) Nitrobenzene	7.35	77	666181	62.342	ng		99
25) Isophorone	7.59	82	1155809	61.168	ng		99
26) 2-Nitrophenol	7.66	139	358818	62.876	ng		98
27) 2,4-Dimethylphenol	7.70	122	482019	63.112	ng		98
28) bis(2-Chloroethoxy)methane	7.80	93	748028	60.515	ng		100
29) 2,4-Dichlorophenol	7.91	162	560893	61.580	ng		98
30) 1,2,4-Trichlorobenzene	7.99	180	658897	61.659	ng		99
31) Naphthalene	8.07	128	1803211	60.625	ng		99
32) Benzoic acid	7.86	122	352214	63.839	ng		96
33) 4-Chloroaniline	8.12	127	787445	61.837	ng		99
34) Hexachlorobutadiene	8.19	225	414461	62.690	ng		99
35) Caprolactam	8.50	113	174118m	63.182	ng		
36) 4-Chloro-3-methylphenol	8.60	107	567329	62.332	ng		98
37) 2-Methylnaphthalene	8.76	142	1208096	60.888	ng		99
38) 1-Methylnaphthalene	8.86	142	1137400	61.130	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	636952	62.938	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.92	237	223307	73.536	ng		95
43) 2,4,6-Trichlorophenol	9.04	196	410604	61.480	ng		99
44) 2,4,5-Trichlorophenol	9.08	196	429437	62.016	ng		95
46) 1,1'-Biphenyl	9.22	154	1502996	61.975	ng		98
47) 2-Chloronaphthalene	9.25	162	1224113	60.820	ng		97
48) 2-Nitroaniline	9.34	65	355191	63.071	ng		96
49) Acenaphthylene	9.66	152	1777272	61.845	ng		100
50) Dimethylphthalate	9.53	163	1446273	60.725	ng		100
51) 2,6-Dinitrotoluene	9.59	165	324741	61.046	ng		97
52) Acenaphthene	9.83	154	1065394	60.902	ng		99
53) 3-Nitroaniline	9.76	138	361263	61.707	ng		99
54) 2,4-Dinitrophenol	9.86	184	152969	64.651	ng	#	91
55) Dibenzofuran	10.00	168	1577446	60.409	ng		99
56) 4-Nitrophenol	9.92	139	225927	62.644	ng		99
57) 2,4-Dinitrotoluene	9.99	165	424713	61.719	ng		97
58) Fluorene	10.35	166	1215500	60.061	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.12	232	362918	60.980	ng		99
60) Diethylphthalate	10.22	149	1357993	60.484	ng		99
61) 4-Chlorophenyl-phenylether	10.33	204	645553	59.947	ng		97
62) 4-Nitroaniline	10.37	138	373147	61.911	ng		98
63) Azobenzene	10.50	77	1182943	59.910	ng		97
65) 4,6-Dinitro-2-methylphenol	10.40	198	227703	63.623	ng		99
66) n-Nitrosodiphenylamine	10.46	169	1116701	60.719	ng		99
67) 4-Bromophenyl-phenylether	10.82	248	453530	60.833	ng		97
68) Hexachlorobenzene	10.90	284	519948	60.919	ng		95
69) Atrazine	10.98	200	393415	63.910	ng		100
70) Pentachlorophenol	11.09	266	227104	62.152	ng		99
71) Phenanthrene	11.30	178	1860314	61.005	ng		98
72) Anthracene	11.36	178	1841697	60.363	ng		100
73) Carbazole	11.51	167	1654549	60.502	ng		99
74) Di-n-butylphthalate	11.84	149	2025084	58.364	ng		99
75) Fluoranthene	12.49	202	1977481	58.214	ng		99
77) Benzidine	12.60	184	1025782	77.561	ng		96
78) Pyrene	12.72	202	1993022	66.855	ng		98
80) Butylbenzylphthalate	13.33	149	856886	65.594	ng		96
81) Benzo(a)anthracene	13.90	228	1657839	65.490	ng		99
82) 3,3'-Dichlorobenzidine	13.86	252	653490	66.343	ng		99
83) Chrysene	13.94	228	1672600	65.907	ng		100
84) Bis(2-ethylhexyl)phthalate	13.89	149	1035833	62.575	ng		100
85) Di-n-octyl phthalate	14.50	149	1652621	61.925	ng		100
86) Indeno(1,2,3-cd)pyrene	16.74	276	1433999	57.414	ng		98
88) Benzo(b)fluoranthene	14.93	252	1617632	64.062	ng		99
89) Benzo(k)fluoranthene	14.96	252	1433912	63.901	ng		99
90) Benzo(a)pyrene	15.28	252	1376272	63.261	ng		99
91) Dibenzo(a,h)anthracene	16.75	278	1164727	59.071	ng		99
92) Benzo(g,h,i)perylene	17.16	276	1154552	59.347	ng		98

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

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