Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061020\
Data File : BF120592.D
Acq On : 10 Jun 2020 15:44
Operator : JU/CG
Sample : SSTDICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC100

Manual Integrations APPROVED
mohammad
6/11/2020 1:48:48 PM

Quant Time: Jun 10 18:10:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 10 13:32:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	181869	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	643817	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	323495	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	604880	20.00	ng		0.00
76) Chrysene-d12	13.97	240	436175	20.00	ng		0.00
86) Perylene-d12	15.40	264	487160	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1726143	185.59	ng		0.01
7) Phenol-d6	6.46	99	2146728	182.09	ng		0.02
23) Nitrobenzene-d5	7.38	82	2023660	196.01	ng		0.01
42) 2,4,6-Tribromophenol	10.64	330	609616	182.58	ng		0.01
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
79) Terphenyl-d14	0.00	244	0d	0.00	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	448072	92.325	ng		99
3) Pyridine	3.25	79	1263626	97.270	ng		99
4) n-Nitrosodimethylamine	3.23	42	522226	94.967	ng		97
6) Aniline	6.48	93	1451901	91.224	ng		100
8) 2-Chlorophenol	6.60	128	983042	91.445	ng		97
9) Benzaldehyde	6.36	77	654239	107.496	ng		99
10) Phenol	6.47	94	1134026	82.976	ng		84
11) bis(2-Chloroethyl)ether	6.55	93	996702	92.992	ng		99
12) 1,3-Dichlorobenzene	6.75	146	1050679	89.812	ng		99
13) 1,4-Dichlorobenzene	6.83	146	1014414	85.838	ng		99
15) Benzyl Alcohol	6.96	79	726887	79.582	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1422665	89.881	ng		97
17) 2-Methylphenol	7.07	107	903487	95.740	ng		97
18) Hexachloroethane	7.32	117	397891	92.049	ng		95
19) n-Nitroso-di-n-propylamine	7.24	70	662307	91.496	ng		98
22) Acetophenone	7.23	105	1152621	87.085	ng	#	92
24) Nitrobenzene	7.40	77	1047882	96.664	ng		98
25) Isophorone	7.64	82	1959972	98.121	ng		99
26) 2-Nitrophenol	7.71	139	558277	99.863	ng		96
27) 2,4-Dimethylphenol	7.75	122	808397	98.885	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	1089478	91.778	ng		99
29) 2,4-Dichlorophenol	7.96	162	851230	99.584	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	923701	96.288	ng		99
31) Naphthalene	8.12	128	2556320	88.497	ng		98
32) Benzoic acid	7.92	122	702875	105.058	ng		98
33) 4-Chloroaniline	8.17	127	1345379	104.355	ng		99
34) Hexachlorobutadiene	8.23	225	509301	90.836	ng		99
35) Caprolactam	8.57	113	314634m	107.211	ng		
36) 4-Chloro-3-methylphenol	8.66	107	861042	97.461	ng		99
37) 2-Methylnaphthalene	8.80	142	1696172	88.191	ng		98
38) 1-Methylnaphthalene	8.90	142	1587697	90.119	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	803022	93.870	ng		99
41) Hexachlorocyclopentadiene	8.95	237	524785	107.289	ng		99
43) 2,4,6-Trichlorophenol	9.08	196	622023	102.491	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.13	196	695007	100.722	ng		96
46) 1,1'-Biphenyl	9.27	154	1949961	88.810	ng		99
47) 2-Chloronaphthalene	9.29	162	1627190	89.904	ng		97
48) 2-Nitroaniline	9.39	65	531594	94.344	ng		99
49) Acenaphthylene	9.71	152	2440454	89.071	ng		98
50) Dimethylphthalate	9.58	163	2063288	96.083	ng		100
51) 2,6-Dinitrotoluene	9.64	165	467365	97.800	ng		97
52) Acenaphthene	9.88	154	1487784	90.851	ng		100
53) 3-Nitroaniline	9.81	138	574290	101.632	ng		98
54) 2,4-Dinitrophenol	9.91	184	297992	115.714	ng		96
55) Dibenzofuran	10.05	168	2169019	87.644	ng		94
56) 4-Nitrophenol	9.97	139	448617	108.877	ng		97
57) 2,4-Dinitrotoluene	10.04	165	584336	93.806	ng	#	85
59) 2,3,4,6-Tetrachlorophenol	10.17	232	549006	101.976	ng		100
60) Diethylphthalate	10.27	149	1981008	95.717	ng		98
62) 4-Nitroaniline	10.43	138	547639	96.077	ng		99
63) Azobenzene	10.55	77	1678887	86.687	ng		98
65) 4,6-Dinitro-2-methylphenol	10.46	198	363565	112.073	ng		90
66) n-Nitrosodiphenylamine	10.51	169	1562684	96.442	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	586429	97.059	ng		96
68) Hexachlorobenzene	10.94	284	627665	96.674	ng		95
69) Atrazine	11.04	200	499967	108.914	ng		98
70) Pentachlorophenol	11.13	266	407329	116.240	ng		99
71) Phenanthrene	11.36	178	2458607	92.017	ng		98
72) Anthracene	11.41	178	2426128	89.836	ng		98
73) Carbazole	11.56	167	2443874	92.703	ng		97
74) Di-n-butylphthalate	11.89	149	2700917	86.162	ng		98
75) Fluoranthene	12.54	202	2682262	87.052	ng		99
77) Benzidine	12.66	184	1186933	114.360	ng		99
78) Pyrene	12.77	202	2744623	99.327	ng		98
80) Butylbenzylphthalate	13.39	149	1270850	105.088	ng		98
81) Benzo(a)anthracene	13.96	228	2240046	94.536	ng		98
82) 3,3'-Dichlorobenzidine	13.93	252	880756	101.535	ng		99
83) Chrysene	14.00	228	2321348	96.508	ng		98
84) Bis(2-ethylhexyl)phthalate	13.94	149	1454629	94.897	ng		99
85) Di-n-octyl phthalate	14.56	149	2799312	100.842	ng		100
87) Indeno(1,2,3-cd)pyrene	16.84	276	2463702	89.857	ng	#	51
88) Benzo(b)fluoranthene	15.00	252	2762662	108.622	ng		99
89) Benzo(k)fluoranthene	15.03	252	1907854	82.745	ng		99
90) Benzo(a)pyrene	15.36	252	2172251	93.812	ng		100
91) Dibenzo(a,h)anthracene	16.87	278	1903943	85.984	ng		99
92) Benzo(g,h,i)perylene	17.29	276	2030508	93.694	ng		98

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

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