Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081120\
Data File : BF121237.D
Acq On : 11 Aug 2020 13:33
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
8/20/2020 1:40:47 PM

Quant Time: Aug 11 16:13:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	134552	20.00	ng		-0.01
21) Naphthalene-d8	8.08	136	501587	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	257681	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	483347	20.00	ng		0.00
76) Chrysene-d12	13.97	240	357020	20.00	ng		0.00
86) Perylene-d12	15.42	264	314158	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	648340	78.99	ng		0.00
7) Phenol-d6	6.44	99	821886	77.52	ng		0.00
23) Nitrobenzene-d5	7.36	82	711768	82.11	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	227026	80.49	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1249233	72.38	ng		0.00
79) Terphenyl-d14	12.91	244	1364392	83.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	147642	39.086	ng		99
3) Pyridine	3.23	79	398220	39.629	ng		99
4) n-Nitrosodimethylamine	3.18	42	161924	37.684	ng		98
6) Aniline	6.46	93	504532	36.456	ng	#	84
8) 2-Chlorophenol	6.59	128	358634	39.664	ng		98
9) Benzaldehyde	6.35	77	211592	41.642	ng		99
10) Phenol	6.45	94	436696	37.444	ng		96
11) bis(2-Chloroethyl)ether	6.53	93	351575	39.334	ng		98
12) 1,3-Dichlorobenzene	6.73	146	389158	39.692	ng		98
13) 1,4-Dichlorobenzene	6.82	146	388129	39.811	ng		97
14) 1,2-Dichlorobenzene	6.97	146	361263	39.169	ng		99
15) Benzyl Alcohol	6.95	79	277796	37.051	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	507634	39.403	ng		95
17) 2-Methylphenol	7.06	107	312915	39.046	ng		98
18) Hexachloroethane	7.30	117	142734	40.450	ng		98
19) n-Nitroso-di-n-propylamine	7.22	70	228219	37.855	ng		98
20) 3+4-Methylphenols	7.22	107	375117	36.796	ng	#	85
22) Acetophenone	7.21	105	449699	39.948	ng	#	97
24) Nitrobenzene	7.38	77	380326	40.707	ng		96
25) Isophorone	7.62	82	674724	39.000	ng		97
26) 2-Nitrophenol	7.70	139	196504	44.285	ng		99
27) 2,4-Dimethylphenol	7.74	122	285843	39.676	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	429325	40.654	ng		99
29) 2,4-Dichlorophenol	7.95	162	304115	41.310	ng		100
30) 1,2,4-Trichlorobenzene	8.02	180	331955	40.642	ng		98
31) Naphthalene	8.10	128	1025090	39.842	ng		99
32) Benzoic acid	7.87	122	177266m	32.778	ng		
33) 4-Chloroaniline	8.15	127	453255	39.491	ng		98
34) Hexachlorobutadiene	8.22	225	196413	40.793	ng		99
35) Caprolactam	8.54	113	94722	40.123	ng	#	84
36) 4-Chloro-3-methylphenol	8.65	107	309856	41.039	ng		99
37) 2-Methylnaphthalene	8.79	142	676459	40.492	ng		99
38) 1-Methylnaphthalene	8.89	142	639825	40.438	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	319256	42.524	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	156543	37.727	ng		100
43) 2,4,6-Trichlorophenol	9.08	196	202799	38.364	ng		100
44) 2,4,5-Trichlorophenol	9.13	196	233836	38.997	ng		99
46) 1,1'-Biphenyl	9.26	154	794779	40.435	ng		100
47) 2-Chloronaphthalene	9.29	162	648767	40.483	ng		100
48) 2-Nitroaniline	9.39	65	208309	43.012	ng		99
49) Acenaphthylene	9.70	152	1000818	40.200	ng		100
50) Dimethylphthalate	9.56	163	756611	40.700	ng		99
51) 2,6-Dinitrotoluene	9.63	165	169757	42.504	ng		100
52) Acenaphthene	9.87	154	593089	37.470	ng		100
53) 3-Nitroaniline	9.80	138	202516	40.430	ng		96
54) 2,4-Dinitrophenol	9.92	184	72061	35.502	ng		97
55) Dibenzofuran	10.05	168	884559	38.645	ng		98
56) 4-Nitrophenol	9.97	139	139240	36.594	ng		96
57) 2,4-Dinitrotoluene	10.03	165	216912	41.357	ng	#	87
58) Fluorene	10.39	166	676197	39.610	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	173722	38.052	ng		99
60) Diethylphthalate	10.26	149	737969	39.247	ng		99
61) 4-Chlorophenyl-phenylether	10.38	204	343765	37.754	ng		95
62) 4-Nitroaniline	10.42	138	200296	41.050	ng		98
63) Azobenzene	10.54	77	698943	39.045	ng		99
65) 4,6-Dinitro-2-methylphenol	10.45	198	115280	41.753	ng		100
66) n-Nitrosodiphenylamine	10.50	169	627479	41.268	ng		100
67) 4-Bromophenyl-phenylether	10.87	248	228010	42.311	ng		97
68) Hexachlorobenzene	10.94	284	245728	42.153	ng		96
69) Atrazine	11.03	200	162020	43.026	ng		98
70) Pentachlorophenol	11.14	266	118195	35.392	ng		98
71) Phenanthrene	11.35	178	1002226	40.317	ng		100
72) Anthracene	11.40	178	1016158	40.709	ng		100
73) Carbazole	11.56	167	1008404	40.707	ng		99
74) Di-n-butylphthalate	11.89	149	1141383	39.927	ng		99
75) Fluoranthene	12.54	202	1093361	39.681	ng		98
77) Benzidine	12.66	184	343777	36.624	ng		98
78) Pyrene	12.77	202	1114998	44.173	ng		99
80) Butylbenzylphthalate	13.39	149	475185	42.230	ng		99
81) Benzo(a)anthracene	13.96	228	924813	42.777	ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	332634	40.782	ng		99
83) Chrysene	14.00	228	915908	40.313	ng		99
84) Bis(2-ethylhexyl)phthalate	13.94	149	620400	44.712	ng		100
85) Di-n-octyl phthalate	14.55	149	994279	36.018	ng		99
87) Indeno(1,2,3-cd)pyrene	16.86	276	770503	35.266	ng		100
88) Benzo(b)fluoranthene	15.00	252	853329	44.936	ng		99
89) Benzo(k)fluoranthene	15.03	252	758232	43.782	ng		99
90) Benzo(a)pyrene	15.36	252	733232	42.321	ng		98
91) Dibenzo(a,h)anthracene	16.87	278	636579	35.669	ng		99
92) Benzo(g,h,i)perylene	17.30	276	615442	34.974	ng		98

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

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