Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108711.D
Acq On : 1 Sep 2018 1:13
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

Quant Time: Sep 01 04:54:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 30 15:06:55 2018
Response via : Initial Calibration

Sohil

9/4/2018 3:53:49 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	73502	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	282157	20.00	ng		0.00
38) Acenaphthene-d10	10.04	164	120895	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	257256	20.00	ng		0.00
75) Chrysene-d12	14.20	240	247746	20.00	ng		0.00
86) Perylene-d12	15.75	264	173325	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	287753	68.01	ng		-0.01
7) Phenol-d6	6.64	99	439342	72.50	ng		-0.01
23) Nitrobenzene-d5	7.57	82	459700	82.70	ng		0.00
41) 2,4,6-Tribromophenol	10.84	330	117606	73.69	ng		0.00
44) 2-Fluorobiphenyl	9.35	172	826964	91.97	ng		0.00
78) Terphenyl-d14	13.12	244	964084	75.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.85	88	76052	38.677	ng		89
3) Pyridine	3.67	79	135293	29.780	ng		88
4) n-Nitrosodimethylamine	3.65	42	59837m	26.404	ng		
6) Aniline	6.69	93	226655	34.661	ng	#	85
8) 2-Chlorophenol	6.79	128	204265	39.484	ng		91
9) Benzaldehyde	6.57	77	148694m	39.699	ng		
10) Phenol	6.65	94	263521	37.291	ng		86
11) bis(2-Chloroethyl)ether	6.73	93	241312	38.780	ng		97
12) 1,3-Dichlorobenzene	6.94	146	230256	38.388	ng		98
13) 1,4-Dichlorobenzene	7.02	146	267676	40.882	ng		99
14) 1,2-Dichlorobenzene	7.17	146	262015	43.572	ng		97
15) Benzyl Alcohol	7.21	79	114941m	26.368	ng		
16) 2,2'-oxybis(1-Chloropropan	7.26	45	372865	39.059	ng		74
17) 2-Methylphenol	7.26	107	152877	38.008	ng	#	57
18) Hexachloroethane	7.50	117	77520	34.427	ng		99
19) n-Nitroso-di-n-propylamine	7.40	70	149786	36.910	ng		90
20) 3+4-Methylphenols	7.41	107	153516	30.462	ng	#	18
22) Acetophenone	7.41	105	287011	40.747	ng	#	89
24) Nitrobenzene	7.59	77	231092	40.999	ng		94
25) Isophorone	7.81	82	348856	37.779	ng		97
26) 2-Nitrophenol	7.91	139	70823	27.757	ng	#	87
27) 2,4-Dimethylphenol	7.94	122	141458	38.120	ng		95
28) bis(2-Chloroethoxy)methane	8.02	93	218182	37.403	ng		98
29) 2,4-Dichlorophenol	8.15	162	148541	33.740	ng		98
30) 1,2,4-Trichlorobenzene	8.22	180	193655	39.336	ng		98
31) Naphthalene	8.31	128	558425	41.551	ng		99
32) Benzoic acid	8.04	122	51279m	21.548	ng		
33) 4-Chloroaniline	8.37	127	211027	35.570	ng		97
34) Hexachlorobutadiene	8.41	225	131328	40.628	ng		99
35) Caprolactam	8.72	113	33106	28.221	ng		97
36) 4-Chloro-3-methylphenol	8.84	107	148532	31.435	ng		99
37) 2-Methylnaphthalene	9.00	142	312763	34.396	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	180813	42.128	ng	#	96
40) Hexachlorocyclopentadiene	9.14	237	3936	8.996	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	89649	35.272	ng		99
43) 2,4,5-Trichlorophenol	9.33	196	122924	41.475	ng		96
45) 1,1'-Biphenyl	9.46	154	443145	42.105	ng		99
46) 2-Chloronaphthalene	9.49	162	339855	41.247	ng		97
47) 2-Nitroaniline	9.60	65	101902	36.978	ng		89
48) Acenaphthylene	9.91	152	475386	39.409	ng		99
49) Dimethylphthalate	9.75	163	378083	39.715	ng		99
50) 2,6-Dinitrotoluene	9.82	165	70472	33.583	ng	#	86
51) Acenaphthene	10.08	154	283941	39.368	ng		99
52) 3-Nitroaniline	10.02	138	92206	40.618	ng		96
54) Dibenzofuran	10.25	168	428693	37.985	ng		97
55) 4-Nitrophenol	10.24	139	24891m	20.924	ng		
56) 2,4-Dinitrotoluene	10.24	165	85969	30.941	ng	#	83
57) Fluorene	10.60	166	328719	37.584	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.37	232	101062	38.063	ng	#	78
59) Diethylphthalate	10.45	149	357897	37.315	ng		97
60) 4-Chlorophenyl-phenylether	10.58	204	186838	37.646	ng		90
61) 4-Nitroaniline	10.64	138	83015	37.791	ng		92
62) Azobenzene	10.74	77	350958	36.814	ng		94
64) 4,6-Dinitro-2-methylphenol	10.66	198	3241	2.839	ng	#	1
65) n-Nitrosodiphenylamine	10.70	169	315853	36.955	ng		96
66) 4-Bromophenyl-phenylether	11.08	248	122203	38.650	ng	#	85
67) Hexachlorobenzene	11.14	284	125547	36.857	ng	#	86
68) Atrazine	11.22	200	75571	27.542	ng		97
69) Pentachlorophenol	11.35	266	46979	25.955	ng		98
70) Phenanthrene	11.57	178	486342	37.454	ng		98
71) Anthracene	11.62	178	564823	41.398	ng		99
72) Carbazole	11.78	167	536086	40.635	ng		98
73) Di-n-butylphthalate	12.08	149	589974	38.869	ng		99
74) Fluoranthene	12.76	202	631133	43.181	ng		95
76) Benzidine	12.90	184	273352	39.197	ng		98
77) Pyrene	13.00	202	647159	34.749	ng		99
79) Butylbenzylphthalate	13.59	149	285981	36.518	ng	#	96
80) Benzo(a)anthracene	14.19	228	549472	36.381	ng		99
81) 3,3'-Dichlorobenzidine	14.15	252	229752	41.947	ng	#	96
82) Chrysene	14.22	228	560408	38.584	ng		99
83) Bis(2-ethylhexyl)phthalate	14.14	149	396031	39.344	ng		99
84) Di-n-octyl phthalate	14.76	149	642898	43.440	ng		97
85) Indeno(1,2,3-cd)pyrene	17.38	276	348332	34.491	ng	#	89
87) Benzo(b)fluoranthene	15.28	252	381031	35.787	ng	#	96
88) Benzo(k)fluoranthene	15.32	252	441819	41.889	ng	#	95
89) Benzo(a)pyrene	15.69	252	357380	37.142	ng	#	96
90) Dibenzo(a,h)anthracene	17.39	278	304821	39.666	ng	#	92
91) Benzo(g,h,i)perylene	17.87	276	282838	37.869	ng	#	87

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

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