Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108713.D
Acq On : 1 Sep 2018 2:48
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
9/4/2018 3:54:17 PM

Quant Time: Sep 01 04:59:01 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

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	75792	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	297184	20.00	ng		0.00
38) Acenaphthene-d10	10.04	164	141241	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	311619	20.00	ng		0.00
75) Chrysene-d12	14.20	240	279909	20.00	ng		0.00
86) Perylene-d12	15.75	264	208525	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	226573	51.93	ng		0.00
7) Phenol-d6	6.64	99	440872	70.55	ng		-0.01
23) Nitrobenzene-d5	7.57	82	467220	79.80	ng		0.00
41) 2,4,6-Tribromophenol	10.84	330	136246	73.07	ng		0.00
44) 2-Fluorobiphenyl	9.35	172	887729	84.51	ng		0.00
78) Terphenyl-d14	13.12	244	1113605	77.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.87	88	78102	38.520	ng		87
3) Pyridine	3.69	79	156602	33.429	ng	#	79
4) n-Nitrosodimethylamine	3.67	42	68545m	29.332	ng		
6) Aniline	6.69	93	219748	32.590	ng	#	83
8) 2-Chlorophenol	6.79	128	204962	38.422	ng		91
9) Benzaldehyde	6.58	77	144096m	37.309	ng		
10) Phenol	6.65	94	255700	35.091	ng		87
11) bis(2-Chloroethyl)ether	6.73	93	234904	36.610	ng		95
12) 1,3-Dichlorobenzene	6.94	146	234051	37.841	ng		98
13) 1,4-Dichlorobenzene	7.02	146	277131	41.047	ng		97
14) 1,2-Dichlorobenzene	7.17	146	263645	42.519	ng		97
15) Benzyl Alcohol	7.22	79	110404	24.562	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.26	45	374155	38.010	ng		72
17) 2-Methylphenol	7.26	107	155193	37.418	ng	#	54
18) Hexachloroethane	7.50	117	79623	34.292	ng		96
19) n-Nitroso-di-n-propylamine	7.40	70	150931	36.068	ng		91
20) 3+4-Methylphenols	7.42	107	156140	30.047	ng	#	19
22) Acetophenone	7.41	105	285817	38.526	ng	#	88
24) Nitrobenzene	7.59	77	232800	39.214	ng		93
25) Isophorone	7.81	82	349176	35.902	ng		98
26) 2-Nitrophenol	7.91	139	78869	29.347	ng		90
27) 2,4-Dimethylphenol	7.93	122	185237	47.393	ng		95
28) bis(2-Chloroethoxy)methane	8.02	93	219594	35.741	ng		100
29) 2,4-Dichlorophenol	8.15	162	164508	35.478	ng		97
30) 1,2,4-Trichlorobenzene	8.22	180	201489	38.858	ng		98
31) Naphthalene	8.31	128	569298	40.218	ng		98
32) Benzoic acid	8.05	122	60572m	24.166	ng		
33) 4-Chloroaniline	8.37	127	220728	35.324	ng		99
34) Hexachlorobutadiene	8.41	225	134849	39.608	ng		99
35) Caprolactam	8.72	113	39300	31.807	ng		87
36) 4-Chloro-3-methylphenol	8.84	107	166251	33.405	ng		96
37) 2-Methylnaphthalene	9.00	142	336317	35.117	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	201134	40.112	ng	#	96
40) Hexachlorocyclopentadiene	9.14	237	8558	10.713	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	103356	34.807	ng		98
43) 2,4,5-Trichlorophenol	9.33	196	140843	40.675	ng		95
45) 1,1'-Biphenyl	9.46	154	482940	39.276	ng		97
46) 2-Chloronaphthalene	9.49	162	376989	39.163	ng		99
47) 2-Nitroaniline	9.60	65	116462	36.174	ng		88
48) Acenaphthylene	9.91	152	549821	39.014	ng		100
49) Dimethylphthalate	9.75	163	410498	36.908	ng	#	99
50) 2,6-Dinitrotoluene	9.82	165	84626	34.519	ng	#	85
51) Acenaphthene	10.08	154	330804	39.259	ng		98
52) 3-Nitroaniline	10.02	138	107085	40.377	ng		94
53) 2,4-Dinitrophenol	10.16	184	4295m	5.152	ng		
54) Dibenzofuran	10.25	168	499629	37.893	ng		96
55) 4-Nitrophenol	10.24	139	32348m	22.741	ng		
56) 2,4-Dinitrotoluene	10.24	165	110778	34.127	ng	#	83
57) Fluorene	10.59	166	389079	38.077	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	121864	39.286	ng	#	85
59) Diethylphthalate	10.45	149	408015	36.412	ng		97
60) 4-Chlorophenyl-phenylether	10.58	204	221139	38.139	ng		94
61) 4-Nitroaniline	10.64	138	103522	40.338	ng		94
62) Azobenzene	10.74	77	425663	38.218	ng		92
64) 4,6-Dinitro-2-methylphenol	10.65	198	10083	7.292	ng	#	55
65) n-Nitrosodiphenylamine	10.70	169	378779	36.586	ng		97
66) 4-Bromophenyl-phenylether	11.07	248	143002	37.338	ng		90
67) Hexachlorobenzene	11.14	284	152909	37.059	ng	#	87
68) Atrazine	11.22	200	93699	28.380	ng		98
69) Pentachlorophenol	11.35	266	57902	26.409	ng		97
70) Phenanthrene	11.57	178	587238	37.335	ng		98
71) Anthracene	11.62	178	676983	40.962	ng		99
72) Carbazole	11.78	167	644809	40.350	ng		99
73) Di-n-butylphthalate	12.08	149	692201	37.648	ng		99
74) Fluoranthene	12.76	202	736188	41.581	ng		95
76) Benzidine	12.89	184	330688	41.970	ng		99
77) Pyrene	12.99	202	747185	35.510	ng		100
79) Butylbenzylphthalate	13.59	149	330582	37.363	ng	#	94
80) Benzo(a)anthracene	14.19	228	624858	36.619	ng		99
81) 3,3'-Dichlorobenzidine	14.15	252	265415	42.890	ng	#	98
82) Chrysene	14.22	228	646224	39.380	ng		99
83) Bis(2-ethylhexyl)phthalate	14.14	149	449373	39.514	ng	#	99
84) Di-n-octyl phthalate	14.76	149	735475	43.985	ng		97
85) Indeno(1,2,3-cd)pyrene	17.38	276	421970	36.982	ng	#	89
87) Benzo(b)fluoranthene	15.28	252	456726	35.655	ng	#	96
88) Benzo(k)fluoranthene	15.32	252	514956	40.582	ng	#	95
89) Benzo(a)pyrene	15.69	252	436900	37.742	ng	#	96
90) Dibenzo(a,h)anthracene	17.38	278	363745	39.343	ng	#	90
91) Benzo(g,h,i)perylene	17.87	276	335536	37.341	ng	#	90

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

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