Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
Data File : BF108633.D
Acq On : 30 Aug 2018 11:14
Operator : JU/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Sohil
8/31/2018 12:17:49 PM

Quant Time: Aug 30 14:57:20 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 12:33:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	128701	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	542468	20.00	ng		0.00
38) Acenaphthene-d10	10.04	164	292105	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	637848	20.00	ng		0.00
75) Chrysene-d12	14.20	240	558166	20.00	ng		0.00
86) Perylene-d12	15.75	264	443481	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	156308m	21.99	ng		0.03
7) Phenol-d6	6.65	99	219708	23.26	ng		0.00
23) Nitrobenzene-d5	7.57	82	240273	24.72	ng		0.00
41) 2,4,6-Tribromophenol	10.84	330	87832	30.14	ng		0.00
44) 2-Fluorobiphenyl	9.35	172	516567	28.39	ng		0.00
78) Terphenyl-d14	13.12	244	632806	28.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.91	88	36719m	10.052	ng		
3) Pyridine	3.74	79	79953m	8.497	ng		
4) n-Nitrosodimethylamine	3.71	42	44992m	8.498	ng		
6) Aniline	6.70	93	109019	8.484	ng	#	80
8) 2-Chlorophenol	6.79	128	100233	12.519	ng		91
9) Benzaldehyde	6.58	77	75183m	10.265	ng		
10) Phenol	6.67	94	130048	13.309	ng		82
11) bis(2-Chloroethyl)ether	6.73	93	133418	16.889	ng		95
12) 1,3-Dichlorobenzene	6.94	146	115126	12.436	ng		97
13) 1,4-Dichlorobenzene	7.02	146	125287	13.470	ng		97
14) 1,2-Dichlorobenzene	7.17	146	114980	13.290	ng		97
15) Benzyl Alcohol	7.17	79	73490	9.241	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.27	45	190180	11.686	ng		67
17) 2-Methylphenol	7.27	107	75930	11.059	ng	#	61
18) Hexachloroethane	7.51	117	44455	13.425	ng		90
19) n-Nitroso-di-n-propylamine	7.40	70	78205	12.242	ng		90
20) 3+4-Methylphenols	7.43	107	90291	10.262	ng	#	71
22) Acetophenone	7.41	105	151562	11.949	ng	#	92
24) Nitrobenzene	7.58	77	125511	12.768	ng		95
25) Isophorone	7.81	82	196681	10.615	ng		96
26) 2-Nitrophenol	7.91	139	53349	14.370	ng		92
27) 2,4-Dimethylphenol	7.94	122	72249	8.785	ng		96
28) bis(2-Chloroethoxy)methane	8.02	93	122847	11.357	ng		99
29) 2,4-Dichlorophenol	8.15	162	92814	12.264	ng		98
30) 1,2,4-Trichlorobenzene	8.22	180	105698	12.667	ng		98
31) Naphthalene	8.31	128	290876m	11.791	ng		
32) Benzoic acid	8.07	122	44152m	10.124	ng		
33) 4-Chloroaniline	8.37	127	126397	11.757	ng		98
34) Hexachlorobutadiene	8.41	225	68656	12.997	ng		100
35) Caprolactam	8.71	113	25006	10.544	ng	#	80
36) 4-Chloro-3-methylphenol	8.85	107	99482	12.185	ng		98
37) 2-Methylnaphthalene	8.99	142	200309	11.476	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	115938	12.925	ng	#	97
40) Hexachlorocyclopentadiene	9.14	237	23916	4.128	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	64054	11.507	ng		96
43) 2,4,5-Trichlorophenol	9.33	196	78703	12.844	ng		95
45) 1,1'-Biphenyl	9.46	154	289306	13.433	ng		97
46) 2-Chloronaphthalene	9.49	162	225586	13.253	ng		98
47) 2-Nitroaniline	9.60	65	73257	13.301	ng		90
48) Acenaphthylene	9.91	152	335923	12.483	ng		99
49) Dimethylphthalate	9.75	163	257643	12.662	ng		99
50) 2,6-Dinitrotoluene	9.82	165	57598	13.530	ng	#	86
51) Acenaphthene	10.08	154	198860	12.065	ng		99
52) 3-Nitroaniline	10.02	138	63663	13.668	ng		91
53) 2,4-Dinitrophenol	10.13	184	12891	9.635	ng	#	40
54) Dibenzofuran	10.25	168	318248	13.327	ng		99
55) 4-Nitrophenol	10.24	139	21229m	6.019	ng		
56) 2,4-Dinitrotoluene	10.24	165	77353	14.116	ng	#	87
57) Fluorene	10.59	166	245079	12.965	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.38	232	70674	13.799	ng	#	83
59) Diethylphthalate	10.45	149	265054	13.452	ng		97
60) 4-Chlorophenyl-phenylether	10.58	204	138251	14.036	ng		90
61) 4-Nitroaniline	10.64	138	62015	13.467	ng		93
62) Azobenzene	10.74	77	267446	13.144	ng		94
64) 4,6-Dinitro-2-methylphenol	10.65	198	26087	11.866	ng		88
65) n-Nitrosodiphenylamine	10.70	169	240683	12.769	ng		96
66) 4-Bromophenyl-phenylether	11.08	248	86967	12.546	ng	#	85
67) Hexachlorobenzene	11.14	284	93931	12.879	ng	#	88
68) Atrazine	11.22	200	79337	12.549	ng		97
69) Pentachlorophenol	11.35	266	44460	12.736	ng		94
70) Phenanthrene	11.57	178	371369	12.344	ng		98
71) Anthracene	11.62	178	396709	12.866	ng		99
72) Carbazole	11.78	167	380885	13.903	ng		99
73) Di-n-butylphthalate	12.08	149	439463	14.162	ng		99
74) Fluoranthene	12.76	202	435540	13.265	ng		95
76) Benzidine	12.89	184	196152m	9.406	ng		
77) Pyrene	12.99	202	441304	12.488	ng		100
79) Butylbenzylphthalate	13.59	149	186594	13.298	ng	#	98
80) Benzo(a)anthracene	14.18	228	382901	11.953	ng		99
81) 3,3'-Dichlorobenzidine	14.15	252	151537	13.200	ng	#	96
82) Chrysene	14.22	228	372867	12.697	ng		98
83) Bis(2-ethylhexyl)phthalate	14.14	149	248501	13.078	ng		99
84) Di-n-octyl phthalate	14.76	149	377099	13.012	ng	#	96
85) Indeno(1,2,3-cd)pyrene	17.37	276	228509	8.980	ng	#	90
87) Benzo(b)fluoranthene	15.28	252	314966	11.886	ng	#	95
88) Benzo(k)fluoranthene	15.31	252	299124	12.279	ng	#	96
89) Benzo(a)pyrene	15.68	252	274908	11.585	ng	#	97
90) Dibenzo(a,h)anthracene	17.38	278	192936	9.827	ng	#	93
91) Benzo(g,h,i)perylene	17.86	276	178357	9.225	ng	#	89

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

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