Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
Data File : BF107801.D
Acq On : 30 Jul 2018 15:49
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/31/2018 2:42:31 PM

Quant Time: Jul 30 18:21:32 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 17:48:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	168735	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	741430	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	351446	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	750156	20.00	ng		0.00
75) Chrysene-d12	14.15	240	579549	20.00	ng		0.00
86) Perylene-d12	15.68	264	499642	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	703646	70.87	ng		0.00
7) Phenol-d6	6.61	99	957270	73.16	ng		0.00
23) Nitrobenzene-d5	7.54	82	976270	75.86	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	372718	78.05	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1945870	77.15	ng		0.00
78) Terphenyl-d14	13.08	244	2013221	75.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.81	88	179444	39.667	ng	#	84
3) Pyridine	3.61	79	407567	36.668	ng	#	84
4) n-Nitrosodimethylamine	3.59	42	175241m	34.690	ng		
6) Aniline	6.64	93	529055	38.873	ng	#	78
8) 2-Chlorophenol	6.75	128	465812	37.351	ng		96
9) Benzaldehyde	6.52	77	290013m	36.736	ng		
10) Phenol	6.62	94	499842	32.033	ng		92
11) bis(2-Chloroethyl)ether	6.70	93	548741	39.548	ng		94
12) 1,3-Dichlorobenzene	6.90	146	494267	37.788	ng		99
13) 1,4-Dichlorobenzene	6.98	146	566281	38.892	ng		98
14) 1,2-Dichlorobenzene	7.13	146	503782	37.273	ng		99
15) Benzyl Alcohol	7.11	79	317389	39.025	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.23	45	733269	36.757	ng		72
17) 2-Methylphenol	7.22	107	354815	38.541	ng	#	84
18) Hexachloroethane	7.47	117	190179	36.338	ng		97
19) n-Nitroso-di-n-propylamine	7.37	70	323778	39.007	ng		97
20) 3+4-Methylphenols	7.38	107	464595	41.104	ng	#	55
22) Acetophenone	7.38	105	651257	36.510	ng	#	90
24) Nitrobenzene	7.55	77	503991	37.347	ng		98
25) Isophorone	7.78	82	787943	37.298	ng		98
26) 2-Nitrophenol	7.87	139	267132	39.443	ng		97
27) 2,4-Dimethylphenol	7.90	122	342848	37.811	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	548171	39.374	ng		98
29) 2,4-Dichlorophenol	8.11	162	404642	39.453	ng		98
30) 1,2,4-Trichlorobenzene	8.18	180	452079	38.637	ng		99
31) Naphthalene	8.27	128	1351970	39.228	ng		99
32) Benzoic acid	8.04	122	194752	32.250	ng		94
33) 4-Chloroaniline	8.32	127	591346	40.169	ng		99
34) Hexachlorobutadiene	8.37	225	270616	37.427	ng		97
35) Caprolactam	8.71	113	120648	39.075	ng		89
36) 4-Chloro-3-methylphenol	8.81	107	445883	40.029	ng		96
37) 2-Methylnaphthalene	8.95	142	872835	40.317	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	466363	38.920	ng	#	97
40) Hexachlorocyclopentadiene	9.10	237	168369	37.031	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	270022	40.762	ng		98
43) 2,4,5-Trichlorophenol	9.29	196	320866	40.235	ng		94
45) 1,1'-Biphenyl	9.42	154	1238913	38.736	ng		98
46) 2-Chloronaphthalene	9.45	162	933465	38.703	ng		98
47) 2-Nitroaniline	9.56	65	307631	39.213	ng		93
48) Acenaphthylene	9.87	152	1392337	37.237	ng		99
49) Dimethylphthalate	9.72	163	1029666	39.012	ng		100
50) 2,6-Dinitrotoluene	9.80	165	227322	39.632	ng		93
51) Acenaphthene	10.04	154	793503	36.532	ng		99
52) 3-Nitroaniline	9.98	138	278545	38.538	ng		96
53) 2,4-Dinitrophenol	10.08	184	96941	37.124	ng	#	38
54) Dibenzofuran	10.21	168	1261585	37.578	ng		99
55) 4-Nitrophenol	10.15	139	103525	36.203	ng		87
56) 2,4-Dinitrotoluene	10.20	165	283937	37.663	ng	#	93
57) Fluorene	10.55	166	974989	37.369	ng		94
58) 2,3,4,6-Tetrachlorophenol	10.33	232	282921	38.625	ng	#	82
59) Diethylphthalate	10.42	149	1070965	37.739	ng		98
60) 4-Chlorophenyl-phenylether	10.54	204	535730	37.693	ng		93
61) 4-Nitroaniline	10.60	138	250296	39.022	ng		95
62) Azobenzene	10.71	77	988638	37.407	ng		93
64) 4,6-Dinitro-2-methylphenol	10.61	198	165127	40.462	ng		92
65) n-Nitrosodiphenylamine	10.67	169	923778	37.399	ng		100
66) 4-Bromophenyl-phenylether	11.04	248	315592	36.095	ng	#	89
67) Hexachlorobenzene	11.11	284	363841	37.526	ng	#	82
68) Atrazine	11.19	200	284277	38.886	ng		97
69) Pentachlorophenol	11.30	266	191367	40.094	ng		98
70) Phenanthrene	11.52	178	1330426	37.351	ng		99
71) Anthracene	11.58	178	1506493	36.668	ng		100
72) Carbazole	11.74	167	1548020	38.128	ng		99
73) Di-n-butylphthalate	12.04	149	1633971	36.889	ng		100
74) Fluoranthene	12.72	202	1540053	36.803	ng		97
76) Benzidine	12.85	184	734130	39.178	ng		99
77) Pyrene	12.95	202	1563485	37.465	ng		98
79) Butylbenzylphthalate	13.55	149	693587	37.953	ng		94
80) Benzo(a)anthracene	14.14	228	1214408	36.991	ng		99
81) 3,3'-Dichlorobenzidine	14.11	252	473307	37.192	ng	#	94
82) Chrysene	14.18	228	1333367	37.655	ng		100
83) Bis(2-ethylhexyl)phthalate	14.10	149	859806	37.425	ng		99
84) Di-n-octyl phthalate	14.72	149	1408140	38.185	ng		98
85) Indeno(1,2,3-cd)pyrene	17.27	276	899458	33.395	ng	#	92
87) Benzo(b)fluoranthene	15.22	252	955739	38.785	ng		98
88) Benzo(k)fluoranthene	15.26	252	1112687m	36.778	ng		
89) Benzo(a)pyrene	15.62	252	927360	36.454	ng		98
90) Dibenzo(a,h)anthracene	17.28	278	769915	34.696	ng	#	94
91) Benzo(g,h,i)perylene	17.74	276	724853	33.759	ng	#	91

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

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