Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103018\
Data File : BF110298.D
Acq On : 30 Oct 2018 13:04
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/31/2018 11:14:55 AM

Quant Time: Oct 30 14:59:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 29 17:29:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	92483	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	410275	20.00	ng		0.00
39) Acenaphthene-d10	10.02	164	205604	20.00	ng		0.00
64) Phenanthrene-d10	11.51	188	373698	20.00	ng		0.00
76) Chrysene-d12	14.16	240	256654	20.00	ng		0.00
87) Perylene-d12	15.69	264	195451	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	482612	84.98	ng		0.00
7) Phenol-d6	6.60	99	610869	84.09	ng		0.00
23) Nitrobenzene-d5	7.54	82	579390	83.76	ng		0.00
42) 2,4,6-Tribromophenol	10.81	330	167359	82.17	ng		0.00
45) 2-Fluorobiphenyl	9.33	172	1090974	83.32	ng		0.00
79) Terphenyl-d14	13.09	244	1093179	88.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.82	88	118805	39.928	ng		93
3) Pyridine	3.60	79	272662	41.142	ng		86
4) n-Nitrosodimethylamine	3.56	42	117096	42.173	ng		89
6) Aniline	6.63	93	396238	41.874	ng	#	54
8) 2-Chlorophenol	6.76	128	277922	42.446	ng		99
9) Benzaldehyde	6.53	77	161134	37.525	ng		96
10) Phenol	6.61	94	332707	42.848	ng	#	64
11) bis(2-Chloroethyl)ether	6.70	93	258642	40.487	ng		94
12) 1,3-Dichlorobenzene	6.91	146	295408	40.997	ng		99
13) 1,4-Dichlorobenzene	6.99	146	295748	40.583	ng		98
14) 1,2-Dichlorobenzene	7.15	146	286266	42.315	ng		98
15) Benzyl Alcohol	7.11	79	250440	44.826	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.24	45	415900	40.718	ng		69
17) 2-Methylphenol	7.22	107	223758	42.880	ng	#	81
18) Hexachloroethane	7.48	117	113150	42.409	ng		96
19) n-Nitroso-di-n-propylamine	7.38	70	197368	42.351	ng		95
20) 3+4-Methylphenols	7.37	107	289380	42.902	ng		95
22) Acetophenone	7.38	105	385813	40.811	ng	#	98
24) Nitrobenzene	7.56	77	297330	41.635	ng		96
25) Isophorone	7.79	82	470576	39.910	ng		95
26) 2-Nitrophenol	7.87	139	154772	45.543	ng		97
27) 2,4-Dimethylphenol	7.90	122	230528	40.915	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	323738	40.417	ng		99
29) 2,4-Dichlorophenol	8.11	162	237999	41.811	ng		99
30) 1,2,4-Trichlorobenzene	8.19	180	260605	40.873	ng		96
31) Naphthalene	8.27	128	768546	40.644	ng		99
32) Benzoic acid	8.01	122	98390m	22.594	ng		
33) 4-Chloroaniline	8.32	127	354152	41.615	ng		99
34) Hexachlorobutadiene	8.39	225	147565	41.683	ng		98
35) Caprolactam	8.70	113	78295	39.463	ng		91
36) 4-Chloro-3-methylphenol	8.80	107	260096	42.255	ng		95
37) 2-Methylnaphthalene	8.97	142	519268	41.505	ng		98
38) 1-Methylnaphthalene	9.07	142	500295	41.381	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	255424	39.872	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	106109	32.393	ng		99
43) 2,4,6-Trichlorophenol	9.25	196	167405	40.515	ng		96
44) 2,4,5-Trichlorophenol	9.29	196	176844	40.490	ng		97
46) 1,1'-Biphenyl	9.43	154	738349	39.712	ng		99
47) 2-Chloronaphthalene	9.46	162	542390	39.770	ng		99
48) 2-Nitroaniline	9.56	65	169232	40.948	ng		96
49) Acenaphthylene	9.88	152	781835	39.690	ng		99
50) Dimethylphthalate	9.73	163	605843	39.918	ng		99
51) 2,6-Dinitrotoluene	9.80	165	137077	41.930	ng		96
52) Acenaphthene	10.05	154	489702	37.578	ng		98
53) 3-Nitroaniline	9.97	138	161068	41.430	ng		87
54) 2,4-Dinitrophenol	10.08	184	37007m	31.852	ng		
55) Dibenzofuran	10.22	168	726708	39.830	ng		99
56) 4-Nitrophenol	10.13	139	109303	37.987	ng		90
57) 2,4-Dinitrotoluene	10.20	165	177505	42.746	ng		91
58) Fluorene	10.57	166	544772	40.119	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.34	232	138365m	38.867	ng		
60) Diethylphthalate	10.43	149	584546	39.455	ng		99
61) 4-Chlorophenyl-phenylether	10.55	204	286912	40.053	ng		96
62) 4-Nitroaniline	10.59	138	155204	40.138	ng		90
63) Azobenzene	10.72	77	577072	39.241	ng		97
65) 4,6-Dinitro-2-methylphenol	10.62	198	68375	40.048	ng		86
66) n-Nitrosodiphenylamine	10.67	169	510227	41.626	ng		96
67) 4-Bromophenyl-phenylether	11.05	248	169774	41.883	ng	#	90
68) Hexachlorobenzene	11.12	284	180768	42.030	ng	#	91
69) Atrazine	11.20	200	160574	41.454	ng		99
70) Pentachlorophenol	11.31	266	96774	38.588	ng		98
71) Phenanthrene	11.54	178	798786	40.851	ng		100
72) Anthracene	11.59	178	802952	40.968	ng		99
73) Carbazole	11.74	167	783619	40.949	ng		100
74) Di-n-butylphthalate	12.06	149	895826	41.449	ng		99
75) Fluoranthene	12.73	202	789140	39.766	ng		99
77) Benzidine	12.85	184	311501	41.981	ng		98
78) Pyrene	12.96	202	801559	43.563	ng		99
80) Butylbenzylphthalate	13.56	149	349294	43.737	ng		96
81) Benzo(a)anthracene	14.15	228	620373	40.760	ng		99
82) 3,3'-Dichlorobenzidine	14.11	252	205222	38.722	ng		99
83) Chrysene	14.19	228	587617	40.648	ng		99
84) Bis(2-ethylhexyl)phthalate	14.11	149	443517	41.082	ng		98
85) Di-n-octyl phthalate	14.73	149	693581	41.317	ng		99
86) Indeno(1,2,3-cd)pyrene	17.27	276	471482	39.314	ng		97
88) Benzo(b)fluoranthene	15.23	252	471945	41.815	ng		99
89) Benzo(k)fluoranthene	15.27	252	445359	40.137	ng		99
90) Benzo(a)pyrene	15.63	252	422921	40.722	ng		99
91) Dibenzo(a,h)anthracene	17.29	278	393637	43.927	ng		97
92) Benzo(g,h,i)perylene	17.76	276	394486	44.673	ng		97

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

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