Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
Data File : BF110481.D
Acq On : 5 Nov 2018 23:27
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
11/6/2018 9:01:20 AM

Quant Time: Nov 06 04:56:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	89817	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	358924	20.00	ng		0.00
39) Acenaphthene-d10	10.00	164	150171	20.00	ng		0.00
64) Phenanthrene-d10	11.49	188	228410	20.00	ng		0.00
76) Chrysene-d12	14.14	240	163936	20.00	ng		0.00
87) Perylene-d12	15.66	264	127993	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	449635	81.52	ng		0.00
7) Phenol-d6	6.59	99	556124	78.83	ng		0.00
23) Nitrobenzene-d5	7.52	82	509096	84.13	ng		0.00
42) 2,4,6-Tribromophenol	10.79	330	103885	69.84	ng		0.00
45) 2-Fluorobiphenyl	9.32	172	891382	93.21	ng		0.00
79) Terphenyl-d14	13.07	244	650709	82.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.79	88	111179	38.474	ng		92
3) Pyridine	3.57	79	245628	38.163	ng	#	84
4) n-Nitrosodimethylamine	3.54	42	104643	38.806	ng		91
6) Aniline	6.62	93	352673	38.376	ng	#	55
8) 2-Chlorophenol	6.75	128	256694	40.368	ng		97
9) Benzaldehyde	6.51	77	158382	38.148	ng		97
10) Phenol	6.60	94	323483	42.897	ng	#	64
11) bis(2-Chloroethyl)ether	6.69	93	241831	38.979	ng		96
12) 1,3-Dichlorobenzene	6.90	146	282229	40.331	ng		98
13) 1,4-Dichlorobenzene	6.97	146	283009	39.988	ng		97
14) 1,2-Dichlorobenzene	7.13	146	266957	40.632	ng		100
15) Benzyl Alcohol	7.10	79	215538	39.724	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.23	45	382686	38.579	ng		69
17) 2-Methylphenol	7.20	107	198621	39.193	ng	#	82
18) Hexachloroethane	7.46	117	97208	37.515	ng		92
19) n-Nitroso-di-n-propylamine	7.36	70	173472	38.329	ng		94
20) 3+4-Methylphenols	7.36	107	249920	38.152	ng		96
22) Acetophenone	7.37	105	344541	41.660	ng		98
24) Nitrobenzene	7.55	77	263514	42.179	ng		93
25) Isophorone	7.77	82	398442	38.627	ng		96
26) 2-Nitrophenol	7.86	139	124504	41.878	ng		94
27) 2,4-Dimethylphenol	7.89	122	194182	39.395	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	281136	40.120	ng		99
29) 2,4-Dichlorophenol	8.10	162	200856	40.334	ng		98
30) 1,2,4-Trichlorobenzene	8.18	180	226055	40.527	ng		95
31) Naphthalene	8.26	128	665164	40.210	ng		100
32) Benzoic acid	8.00	122	96788m	25.406	ng		
33) 4-Chloroaniline	8.31	127	285043	38.286	ng		99
34) Hexachlorobutadiene	8.37	225	132905	42.913	ng		98
35) Caprolactam	8.69	113	62616	36.076	ng		88
36) 4-Chloro-3-methylphenol	8.79	107	207544	38.541	ng		98
37) 2-Methylnaphthalene	8.95	142	430112	39.298	ng		98
38) 1-Methylnaphthalene	9.05	142	402237	38.030	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	206969	44.234	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	35000	14.629	ng		98
43) 2,4,6-Trichlorophenol	9.23	196	125473	41.576	ng		94
44) 2,4,5-Trichlorophenol	9.27	196	128527	40.290	ng		96
46) 1,1'-Biphenyl	9.42	154	588882	43.364	ng		98
47) 2-Chloronaphthalene	9.45	162	426646	42.830	ng		99
48) 2-Nitroaniline	9.55	65	128928	42.712	ng		91
49) Acenaphthylene	9.86	152	585132	40.669	ng		99
50) Dimethylphthalate	9.71	163	477214	43.049	ng		99
51) 2,6-Dinitrotoluene	9.78	165	100275	41.995	ng		98
52) Acenaphthene	10.03	154	360166	37.840	ng		98
53) 3-Nitroaniline	9.96	138	113400	39.936	ng		91
54) 2,4-Dinitrophenol	10.07	184	6413	11.504	ng		87
55) Dibenzofuran	10.20	168	522409	39.202	ng		98
56) 4-Nitrophenol	10.12	139	64145	30.522	ng		93
57) 2,4-Dinitrotoluene	10.19	165	121745	40.141	ng	#	84
58) Fluorene	10.55	166	382088	38.525	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.32	232	89775	34.527	ng		94
60) Diethylphthalate	10.40	149	447456	41.351	ng		99
61) 4-Chlorophenyl-phenylether	10.53	204	208910	39.929	ng		98
62) 4-Nitroaniline	10.57	138	104198	36.894	ng		92
63) Azobenzene	10.70	77	407647	37.952	ng		96
65) 4,6-Dinitro-2-methylphenol	10.60	198	14297	13.700	ng		94
66) n-Nitrosodiphenylamine	10.65	169	358333	47.830	ng		96
67) 4-Bromophenyl-phenylether	11.03	248	112859	45.552	ng		97
68) Hexachlorobenzene	11.10	284	109753	41.750	ng	#	93
69) Atrazine	11.17	200	99502	42.027	ng		99
70) Pentachlorophenol	11.29	266	51780	33.780	ng		96
71) Phenanthrene	11.52	178	482811	40.398	ng		100
72) Anthracene	11.57	178	497313	41.514	ng		98
73) Carbazole	11.72	167	463567	39.633	ng		99
74) Di-n-butylphthalate	12.03	149	596899	45.185	ng		99
75) Fluoranthene	12.70	202	443069	36.529	ng		100
77) Benzidine	12.83	184	204238	44.045	ng		97
78) Pyrene	12.94	202	454724	38.691	ng		98
80) Butylbenzylphthalate	13.53	149	210761	41.316	ng		99
81) Benzo(a)anthracene	14.13	228	392079	40.330	ng		99
82) 3,3'-Dichlorobenzidine	14.08	252	140515	41.508	ng		99
83) Chrysene	14.16	228	380460	41.203	ng		98
84) Bis(2-ethylhexyl)phthalate	14.09	149	285595	41.416	ng		96
85) Di-n-octyl phthalate	14.70	149	484587	45.194	ng		99
86) Indeno(1,2,3-cd)pyrene	17.23	276	265122	34.610	ng		97
88) Benzo(b)fluoranthene	15.20	252	311755	42.180	ng		99
89) Benzo(k)fluoranthene	15.24	252	308355	42.437	ng		100
90) Benzo(a)pyrene	15.60	252	276720	40.688	ng		98
91) Dibenzo(a,h)anthracene	17.24	278	224586	38.271	ng		98
92) Benzo(g,h,i)perylene	17.70	276	212166	36.690	ng		98

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

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