Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040319\
Data File : BF113574.D
Acq On : 4 Apr 2019 6:41
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/4/2019 10:58:18 AM

Quant Time: Apr 04 10:21:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	94955	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	329429	20.00	ng		0.00
39) Acenaphthene-d10	9.72	164	145648	20.00	ng		0.00
64) Phenanthrene-d10	11.20	188	307673	20.00	ng		0.00
76) Chrysene-d12	13.84	240	262203	20.00	ng		0.00
87) Perylene-d12	15.26	264	204676	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	481873	86.54	ng		0.00
7) Phenol-d6	6.34	99	558949	81.44	ng		0.00
23) Nitrobenzene-d5	7.25	82	472917	84.09	ng		0.00
42) 2,4,6-Tribromophenol	10.52	330	153003	87.45	ng		0.00
45) 2-Fluorobiphenyl	9.05	172	847240	93.65	ng		0.00
79) Terphenyl-d14	12.79	244	1072499	83.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	115971	43.972	ng		99
3) Pyridine	3.00	79	300117	43.483	ng		98
4) n-Nitrosodimethylamine	2.93	42	123147	41.994	ng		94
6) Aniline	6.35	93	349160	41.971	ng		94
8) 2-Chlorophenol	6.47	128	265168	41.158	ng		97
9) Benzaldehyde	6.23	77	179164	43.904	ng		100
10) Phenol	6.35	94	323376	41.255	ng		100
11) bis(2-Chloroethyl)ether	6.42	93	246110	40.363	ng		98
12) 1,3-Dichlorobenzene	6.63	146	288181	41.536	ng		99
13) 1,4-Dichlorobenzene	6.70	146	289600	41.305	ng		99
14) 1,2-Dichlorobenzene	6.86	146	266269	42.074	ng		99
15) Benzyl Alcohol	6.83	79	183126	39.462	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	380684	40.111	ng		95
17) 2-Methylphenol	6.96	107	193190	38.694	ng		99
18) Hexachloroethane	7.20	117	73584	28.834	ng		95
19) n-Nitroso-di-n-propylamine	7.10	70	164640	38.903	ng		99
20) 3+4-Methylphenols	7.11	107	240292	39.720	ng		98
22) Acetophenone	7.10	105	314464	43.462	ng	#	97
24) Nitrobenzene	7.27	77	244082	42.142	ng		94
25) Isophorone	7.51	82	435979	40.242	ng		98
26) 2-Nitrophenol	7.59	139	69873	22.416	ng		89
27) 2,4-Dimethylphenol	7.63	122	186543	41.860	ng		98
28) bis(2-Chloroethoxy)methane	7.72	93	289794	42.309	ng		99
29) 2,4-Dichlorophenol	7.84	162	191674	40.200	ng		99
30) 1,2,4-Trichlorobenzene	7.92	180	215047	41.532	ng		98
31) Naphthalene	7.99	128	671812	42.089	ng		98
32) Benzoic acid	7.75	122	56939m	16.500	ng		
33) 4-Chloroaniline	8.05	127	268459	42.417	ng		98
34) Hexachlorobutadiene	8.11	225	136290	43.174	ng		98
35) Caprolactam	8.42	113	56532	37.351	ng		100
36) 4-Chloro-3-methylphenol	8.54	107	186020	38.865	ng		98
37) 2-Methylnaphthalene	8.69	142	421649	40.165	ng		99
38) 1-Methylnaphthalene	8.78	142	404984	40.008	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	200084	42.477	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	8.97	196	119632	40.235	ng		98
44) 2,4,5-Trichlorophenol	9.02	196	127724	40.012	ng		97
46) 1,1'-Biphenyl	9.15	154	509990	42.433	ng		98
47) 2-Chloronaphthalene	9.17	162	381564	41.931	ng		97
48) 2-Nitroaniline	9.27	65	126443	45.410	ng		95
49) Acenaphthylene	9.59	152	638024	43.118	ng		99
50) Dimethylphthalate	9.45	163	447137	41.648	ng		99
51) 2,6-Dinitrotoluene	9.52	165	79261	33.492	ng		93
52) Acenaphthene	9.76	154	353841	41.774	ng		99
53) 3-Nitroaniline	9.69	138	128155	47.630	ng		99
55) Dibenzofuran	9.93	168	539269	43.401	ng		99
56) 4-Nitrophenol	9.87	139	60019	35.959	ng		86
57) 2,4-Dinitrotoluene	9.93	165	88752	31.009	ng	#	84
58) Fluorene	10.27	166	426762	43.426	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.06	232	111904	40.500	ng		97
60) Diethylphthalate	10.15	149	436399	42.159	ng		97
61) 4-Chlorophenyl-phenylether	10.26	204	206827	42.788	ng		97
62) 4-Nitroaniline	10.30	138	143512	52.452	ng		97
63) Azobenzene	10.42	77	395973	40.401	ng		96
65) 4,6-Dinitro-2-methylphenol	10.06	198	5004	3.089	ng	#	34
66) n-Nitrosodiphenylamine	10.38	169	371422	39.323	ng		99
67) 4-Bromophenyl-phenylether	10.75	248	134599	39.007	ng		98
68) Hexachlorobenzene	10.83	284	157286	39.780	ng		95
69) Atrazine	10.91	200	104251	35.017	ng		94
70) Pentachlorophenol	11.03	266	61234m	32.867	ng		
71) Phenanthrene	11.23	178	649681	42.495	ng		99
72) Anthracene	11.29	178	664614	42.727	ng		98
73) Carbazole	11.44	167	645812	44.391	ng		99
74) Di-n-butylphthalate	11.77	149	735734	42.512	ng		99
75) Fluoranthene	12.42	202	770377	47.024	ng		99
77) Benzidine	12.54	184	550144	56.422	ng		99
78) Pyrene	12.64	202	791912	39.693	ng		100
80) Butylbenzylphthalate	13.26	149	341287	42.024	ng		99
81) Benzo(a)anthracene	13.83	228	621411	41.084	ng		99
82) 3,3'-Dichlorobenzidine	13.80	252	276662	47.489	ng		100
83) Chrysene	13.87	228	620823	40.490	ng		99
84) Bis(2-ethylhexyl)phthalate	13.83	149	461936	47.046	ng		98
85) Di-n-octyl phthalate	14.43	149	774591	48.532	ng		100
86) Indeno(1,2,3-cd)pyrene	16.63	276	491204	34.698	ng		98
88) Benzo(b)fluoranthene	14.86	252	505903	40.380	ng		99
89) Benzo(k)fluoranthene	14.89	252	489159	43.503	ng		99
90) Benzo(a)pyrene	15.20	252	450483	40.464	ng		99
91) Dibenzo(a,h)anthracene	16.63	278	417260	40.079	ng		99
92) Benzo(g,h,i)perylene	17.03	276	392232	36.911	ng		99

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

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