Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102318\
Data File : BF110080.D
Acq On : 23 Oct 2018 16:30
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/24/2018 5:11:51 PM

Quant Time: Oct 24 09:06:21 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	215921	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	947248	20.00	ng		-0.02
39) Acenaphthene-d10	10.02	164	461445	20.00	ng		-0.01
64) Phenanthrene-d10	11.50	188	874952	20.00	ng		-0.01
76) Chrysene-d12	14.16	240	643753	20.00	ng		0.00
87) Perylene-d12	15.67	264	531210	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	1036877	78.20	ng		-0.02
7) Phenol-d6	6.59	99	1354709	79.88	ng		-0.01
23) Nitrobenzene-d5	7.54	82	1271141	79.59	ng		-0.01
42) 2,4,6-Tribromophenol	10.81	330	354252	77.50	ng		0.00
45) 2-Fluorobiphenyl	9.33	172	2213124	75.31	ng		-0.01
79) Terphenyl-d14	13.09	244	2289439	73.96	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.81	88	270173	38.891	ng		92
3) Pyridine	3.59	79	654006	42.268	ng	#	85
4) n-Nitrosodimethylamine	3.56	42	272538	42.042	ng		96
6) Aniline	6.63	93	923473	41.800	ng	#	54
8) 2-Chlorophenol	6.75	128	615248	40.247	ng		95
9) Benzaldehyde	6.52	77	347690m	33.764	ng		
10) Phenol	6.60	94	800458m	44.154	ng		
11) bis(2-Chloroethyl)ether	6.70	93	603207	40.444	ng		93
12) 1,3-Dichlorobenzene	6.91	146	650191	38.649	ng		97
13) 1,4-Dichlorobenzene	6.99	146	660902	38.844	ng		98
14) 1,2-Dichlorobenzene	7.14	146	613272	38.828	ng		99
15) Benzyl Alcohol	7.11	79	548038	42.015	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.24	45	974998	40.886	ng		69
17) 2-Methylphenol	7.21	107	500084	41.048	ng	#	81
18) Hexachloroethane	7.48	117	250576	40.226	ng		96
19) n-Nitroso-di-n-propylamine	7.39	70	443358	40.749	ng		97
20) 3+4-Methylphenols	7.37	107	624183	39.636	ng		99
22) Acetophenone	7.38	105	837627	38.376	ng		98
24) Nitrobenzene	7.56	77	661160	40.099	ng		92
25) Isophorone	7.79	82	1105036	40.592	ng		96
26) 2-Nitrophenol	7.87	139	337388	43.000	ng		91
27) 2,4-Dimethylphenol	7.90	122	513825	39.499	ng		97
28) bis(2-Chloroethoxy)methane	8.00	93	725761	39.244	ng		98
29) 2,4-Dichlorophenol	8.10	162	524559	39.914	ng		97
30) 1,2,4-Trichlorobenzene	8.19	180	574819	39.048	ng		96
31) Naphthalene	8.27	128	1667016	38.184	ng		99
32) Benzoic acid	8.03	122	436422	43.407	ng		94
33) 4-Chloroaniline	8.32	127	769620	39.170	ng		99
34) Hexachlorobutadiene	8.39	225	317295	38.819	ng		98
35) Caprolactam	8.71	113	190847	41.664	ng	#	86
36) 4-Chloro-3-methylphenol	8.80	107	568575	40.008	ng		97
37) 2-Methylnaphthalene	8.97	142	1107296	38.334	ng		99
38) 1-Methylnaphthalene	9.07	142	1066043	38.191	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	539544	37.527	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	297830	40.511	ng		100
43) 2,4,6-Trichlorophenol	9.24	196	363481	39.196	ng		94
44) 2,4,5-Trichlorophenol	9.28	196	387605	39.542	ng		96
46) 1,1'-Biphenyl	9.43	154	1540904	36.927	ng		98
47) 2-Chloronaphthalene	9.46	162	1153040	37.670	ng		98
48) 2-Nitroaniline	9.56	65	377558	40.705	ng		91
49) Acenaphthylene	9.88	152	1664969	37.660	ng		97
50) Dimethylphthalate	9.73	163	1312141	38.521	ng		99
51) 2,6-Dinitrotoluene	9.80	165	300952	41.017	ng		92
52) Acenaphthene	10.05	154	1123416	38.411	ng		98
53) 3-Nitroaniline	9.97	138	352812	40.435	ng		95
54) 2,4-Dinitrophenol	10.07	184	133109	47.929	ng	#	82
55) Dibenzofuran	10.22	168	1521973	37.168	ng		99
56) 4-Nitrophenol	10.12	139	276134	42.760	ng		89
57) 2,4-Dinitrotoluene	10.20	165	398347	42.743	ng	#	85
58) Fluorene	10.56	166	1136151	37.281	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.33	232	317965	39.796	ng		94
60) Diethylphthalate	10.43	149	1272797	38.279	ng		99
61) 4-Chlorophenyl-phenylether	10.55	204	596303	37.091	ng		98
62) 4-Nitroaniline	10.59	138	354225	40.818	ng		92
63) Azobenzene	10.72	77	1261763	38.229	ng		95
65) 4,6-Dinitro-2-methylphenol	10.61	198	176172	44.071	ng		84
66) n-Nitrosodiphenylamine	10.67	169	1094964	38.154	ng		96
67) 4-Bromophenyl-phenylether	11.05	248	365248	38.485	ng		93
68) Hexachlorobenzene	11.11	284	392497	38.977	ng	#	90
69) Atrazine	11.20	200	348531	38.430	ng		99
70) Pentachlorophenol	11.30	266	256060	43.608	ng		98
71) Phenanthrene	11.53	178	1692754	36.975	ng		99
72) Anthracene	11.59	178	1711538	37.298	ng		100
73) Carbazole	11.74	167	1699365	37.928	ng		99
74) Di-n-butylphthalate	12.06	149	1917894	37.901	ng		100
75) Fluoranthene	12.72	202	1745814	37.574	ng		99
77) Benzidine	12.84	184	747008	38.422	ng		100
78) Pyrene	12.96	202	1790716	38.801	ng		99
80) Butylbenzylphthalate	13.56	149	815180	40.694	ng		98
81) Benzo(a)anthracene	14.14	228	1493496	39.121	ng		99
82) 3,3'-Dichlorobenzidine	14.10	252	492207	37.026	ng		98
83) Chrysene	14.18	228	1378239	38.010	ng		98
84) Bis(2-ethylhexyl)phthalate	14.11	149	1069315	39.489	ng		96
85) Di-n-octyl phthalate	14.73	149	1689432	40.124	ng		98
86) Indeno(1,2,3-cd)pyrene	17.24	276	1165738	38.754	ng		96
88) Benzo(b)fluoranthene	15.22	252	1263107	41.176	ng		98
89) Benzo(k)fluoranthene	15.26	252	1086038	36.013	ng	#	97
90) Benzo(a)pyrene	15.61	252	1108992	39.289	ng		98
91) Dibenzo(a,h)anthracene	17.26	278	961981	39.498	ng		97
92) Benzo(g,h,i)perylene	17.72	276	955300	39.804	ng		97

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

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