Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
Data File : BF111349.D
Acq On : 13 Dec 2018 4:24
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/13/2018 6:07:18 PM

Quant Time: Dec 13 04:59:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 13:16:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	236111	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	877547	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	359745	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	581908	20.00	ng		0.00
76) Chrysene-d12	13.96	240	351213	20.00	ng		0.00
87) Perylene-d12	15.39	264	331948	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1156931	82.86	ng		0.00
7) Phenol-d6	6.43	99	1506931	80.05	ng		0.00
23) Nitrobenzene-d5	7.36	82	1258447	80.83	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	214755	67.72	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1987036	88.68	ng		0.00
79) Terphenyl-d14	12.90	244	1477114	92.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	275511	39.503	ng		99
3) Pyridine	3.21	79	686201	40.051	ng		99
4) n-Nitrosodimethylamine	3.15	42	300324	37.576	ng		92
6) Aniline	6.46	93	1022921	44.916	ng		99
8) 2-Chlorophenol	6.58	128	680433	39.648	ng		99
9) Benzaldehyde	6.34	77	462562	44.735	ng		99
10) Phenol	6.45	94	860472	40.350	ng		97
11) bis(2-Chloroethyl)ether	6.53	93	688428	41.035	ng		98
12) 1,3-Dichlorobenzene	6.74	146	747988	40.261	ng		99
13) 1,4-Dichlorobenzene	6.82	146	739231	39.306	ng		100
14) 1,2-Dichlorobenzene	6.97	146	695937	39.999	ng		98
15) Benzyl Alcohol	6.93	79	530424	36.796	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1236570	38.046	ng		100
17) 2-Methylphenol	7.05	107	534748	38.561	ng		99
18) Hexachloroethane	7.31	117	177512	25.423	ng		96
19) n-Nitroso-di-n-propylamine	7.21	70	455077	36.378	ng		97
20) 3+4-Methylphenols	7.20	107	619672	37.470	ng	#	90
22) Acetophenone	7.20	105	847437	41.573	ng	#	93
24) Nitrobenzene	7.37	77	649337	40.490	ng		99
25) Isophorone	7.62	82	1076416	40.701	ng		99
26) 2-Nitrophenol	7.69	139	120666	15.308	ng		95
27) 2,4-Dimethylphenol	7.73	122	490388	40.981	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	763502	42.060	ng		99
29) 2,4-Dichlorophenol	7.94	162	475896	38.125	ng		97
30) 1,2,4-Trichlorobenzene	8.02	180	516398	40.263	ng		98
31) Naphthalene	8.10	128	1655568	40.493	ng		96
32) Benzoic acid	7.86	122	105478	10.604	ng		98
33) 4-Chloroaniline	8.15	127	722781	41.394	ng		98
34) Hexachlorobutadiene	8.23	225	285829	40.171	ng		99
35) Caprolactam	8.52	113	163227	37.319	ng		90
36) 4-Chloro-3-methylphenol	8.63	107	484447	36.420	ng		96
37) 2-Methylnaphthalene	8.79	142	999337	37.811	ng		99
38) 1-Methylnaphthalene	8.89	142	964456	37.809	ng		97
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	433203	42.840	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	15576	2.950	ng		100
43) 2,4,6-Trichlorophenol	9.07	196	279667	38.640	ng		99
44) 2,4,5-Trichlorophenol	9.11	196	282891	36.983	ng		98
46) 1,1'-Biphenyl	9.26	154	1295768	42.215	ng		95
47) 2-Chloronaphthalene	9.28	162	982762	41.808	ng		96
48) 2-Nitroaniline	9.37	65	328961	43.065	ng		95
49) Acenaphthylene	9.69	152	1427473	41.565	ng		95
50) Dimethylphthalate	9.55	163	1113482	43.042	ng		99
51) 2,6-Dinitrotoluene	9.61	165	150946	26.323	ng		91
52) Acenaphthene	9.87	154	830423	38.336	ng		97
53) 3-Nitroaniline	9.78	138	337809	49.011	ng		95
54) 2,4-Dinitrophenol	9.89	184	860	0.382	ng	#	1
55) Dibenzofuran	10.04	168	1287527	41.173	ng		95
56) 4-Nitrophenol	9.94	139	141813	28.571	ng		94
57) 2,4-Dinitrotoluene	10.02	165	163752	22.281	ng		91
58) Fluorene	10.38	166	811697	36.285	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	201387	34.081	ng		99
60) Diethylphthalate	10.26	149	1030542	39.569	ng		98
61) 4-Chlorophenyl-phenylether	10.37	204	417221	37.622	ng		96
62) 4-Nitroaniline	10.39	138	291332	43.974	ng		95
63) Azobenzene	10.53	77	965580	36.771	ng		97
65) 4,6-Dinitro-2-methylphenol	10.42	198	2223	0.665	ng	#	75
66) n-Nitrosodiphenylamine	10.49	169	843686	40.759	ng		97
67) 4-Bromophenyl-phenylether	10.86	248	257028	39.677	ng		98
68) Hexachlorobenzene	10.93	284	257821	38.650	ng		97
69) Atrazine	11.02	200	179986	30.064	ng		99
70) Pentachlorophenol	11.12	266	124700m	28.092	ng		
71) Phenanthrene	11.34	178	1250155	41.564	ng		95
72) Anthracene	11.39	178	1288817	42.082	ng		95
73) Carbazole	11.55	167	1334399	42.139	ng		96
74) Di-n-butylphthalate	11.88	149	1551374	43.026	ng		96
75) Fluoranthene	12.53	202	1196218	40.740	ng		99
77) Benzidine	12.65	184	767761	115.837	ng		97
78) Pyrene	12.76	202	1184073	43.684	ng		96
80) Butylbenzylphthalate	13.38	149	614942	47.251	ng		90
81) Benzo(a)anthracene	13.94	228	781890	39.789	ng		97
82) 3,3'-Dichlorobenzidine	13.90	252	364821	49.089	ng		100
83) Chrysene	13.98	228	807906	40.297	ng		97
84) Bis(2-ethylhexyl)phthalate	13.94	149	780057	49.029	ng		98
85) Di-n-octyl phthalate	14.55	149	1232625	47.183	ng		98
86) Indeno(1,2,3-cd)pyrene	16.81	276	662090	42.223	ng		100
88) Benzo(b)fluoranthene	14.98	252	698554	37.008	ng		99
89) Benzo(k)fluoranthene	15.00	252	684537	36.332	ng		99
90) Benzo(a)pyrene	15.33	252	699045	39.775	ng		98
91) Dibenzo(a,h)anthracene	16.83	278	580290	39.685	ng		96
92) Benzo(g,h,i)perylene	17.23	276	500906	34.263	ng		99

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

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