Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113030.D
Acq On : 13 Mar 2019 10:46
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
Sohil
3/13/2019 4:33:45 PM

Quant Time: Mar 13 12:41:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	181953	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	704064	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	291309	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	522276	20.00	ng		0.00
76) Chrysene-d12	13.87	240	477450	20.00	ng		0.00
87) Perylene-d12	15.27	264	408830	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	881265	75.34	ng		0.00
7) Phenol-d6	6.37	99	1074504	73.13	ng		0.00
23) Nitrobenzene-d5	7.30	82	996738	84.71	ng		0.00
42) 2,4,6-Tribromophenol	10.55	330	261985	84.71	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	1610062	94.28	ng		0.00
79) Terphenyl-d14	12.82	244	1604256	65.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	201201	34.315	ng		97
3) Pyridine	3.09	79	523865	33.396	ng		97
4) n-Nitrosodimethylamine	3.02	42	202808	29.555	ng		97
6) Aniline	6.39	93	681407	33.691	ng	#	46
8) 2-Chlorophenol	6.52	128	495945	38.088	ng		94
9) Benzaldehyde	6.27	77	325247	30.721	ng		99
10) Phenol	6.39	94	607692	35.442	ng	#	71
11) bis(2-Chloroethyl)ether	6.47	93	475016	36.094	ng		98
12) 1,3-Dichlorobenzene	6.67	146	526444	39.138	ng		98
13) 1,4-Dichlorobenzene	6.75	146	521866	38.687	ng		98
14) 1,2-Dichlorobenzene	6.90	146	476489	38.532	ng		99
15) Benzyl Alcohol	6.88	79	393883	35.155	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	804874	36.647	ng		96
17) 2-Methylphenol	7.00	107	401839	38.041	ng		97
18) Hexachloroethane	7.25	117	197931	38.305	ng		96
19) n-Nitroso-di-n-propylamine	7.15	70	332085	35.685	ng		99
20) 3+4-Methylphenols	7.15	107	454334	38.097	ng	#	83
22) Acetophenone	7.15	105	678996	41.244	ng	#	94
24) Nitrobenzene	7.32	77	522571	39.904	ng		99
25) Isophorone	7.56	82	929968	36.687	ng		98
26) 2-Nitrophenol	7.63	139	269397	49.417	ng		99
27) 2,4-Dimethylphenol	7.67	122	386694	38.128	ng		99
28) bis(2-Chloroethoxy)methane	7.77	93	614071	38.747	ng		99
29) 2,4-Dichlorophenol	7.87	162	407703	41.454	ng		99
30) 1,2,4-Trichlorobenzene	7.96	180	433563	41.027	ng		99
31) Naphthalene	8.04	128	1343516	38.435	ng		100
32) Benzoic acid	7.79	122	283326	39.858	ng		92
33) 4-Chloroaniline	8.09	127	572547	38.672	ng		100
34) Hexachlorobutadiene	8.16	225	267988	44.965	ng		99
35) Caprolactam	8.46	113	125651	36.273	ng		95
36) 4-Chloro-3-methylphenol	8.57	107	400340	36.781	ng		96
37) 2-Methylnaphthalene	8.73	142	863731	38.263	ng		99
38) 1-Methylnaphthalene	8.83	142	813931	37.222	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	402124	47.337	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	83708	17.995	ng		99
43) 2,4,6-Trichlorophenol	9.01	196	256341	43.846	ng		99
44) 2,4,5-Trichlorophenol	9.05	196	275798	43.644	ng		97
46) 1,1'-Biphenyl	9.19	154	1036887	43.639	ng		99
47) 2-Chloronaphthalene	9.22	162	767697	41.378	ng		98
48) 2-Nitroaniline	9.31	65	237513	42.117	ng		87
49) Acenaphthylene	9.63	152	1220408	38.747	ng		99
50) Dimethylphthalate	9.49	163	913786	42.542	ng		99
51) 2,6-Dinitrotoluene	9.55	165	196053	43.831	ng	#	79
52) Acenaphthene	9.80	154	676611	36.734	ng		98
53) 3-Nitroaniline	9.72	138	217092	39.831	ng		96
54) 2,4-Dinitrophenol	9.82	184	35481	24.281	ng		90
55) Dibenzofuran	9.97	168	998334	37.292	ng		97
56) 4-Nitrophenol	9.88	139	147394	33.275	ng		94
57) 2,4-Dinitrotoluene	9.95	165	234637	42.201	ng	#	85
58) Fluorene	10.31	166	723170	38.061	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.09	232	208218	39.549	ng		94
60) Diethylphthalate	10.19	149	847823	37.372	ng		99
61) 4-Chlorophenyl-phenylether	10.30	204	370502	41.911	ng		95
62) 4-Nitroaniline	10.32	138	202248	40.157	ng		96
63) Azobenzene	10.46	77	799277	34.398	ng		95
65) 4,6-Dinitro-2-methylphenol	10.36	198	59381	29.625	ng		87
66) n-Nitrosodiphenylamine	10.42	169	661865	39.515	ng		99
67) 4-Bromophenyl-phenylether	10.79	248	233008	42.356	ng		92
68) Hexachlorobenzene	10.86	284	259854	41.904	ng	#	88
69) Atrazine	10.94	200	204843	39.931	ng		98
70) Pentachlorophenol	11.05	266	149990	41.095	ng		98
71) Phenanthrene	11.27	178	1048691	40.357	ng		99
72) Anthracene	11.32	178	1080443	39.721	ng		100
73) Carbazole	11.47	167	1039933	39.191	ng		99
74) Di-n-butylphthalate	11.81	149	1276806	40.130	ng		100
75) Fluoranthene	12.45	202	1220596	43.843	ng		96
77) Benzidine	12.57	184	632189	25.521	ng		99
78) Pyrene	12.67	202	1258800	31.274	ng		100
80) Butylbenzylphthalate	13.30	149	576985	32.476	ng		89
81) Benzo(a)anthracene	13.86	228	1112446	33.618	ng		99
82) 3,3'-Dichlorobenzidine	13.82	252	465458	37.192	ng		99
83) Chrysene	13.90	228	1106961	34.152	ng		99
84) Bis(2-ethylhexyl)phthalate	13.86	149	735314	35.285	ng		100
85) Di-n-octyl phthalate	14.46	149	1504588	42.046	ng		97
86) Indeno(1,2,3-cd)pyrene	16.64	276	907110	32.827	ng		95
88) Benzo(b)fluoranthene	14.88	252	1077802m	40.757	ng		
89) Benzo(k)fluoranthene	14.90	252	916068	38.244	ng		98
90) Benzo(a)pyrene	15.22	252	852852	36.462	ng		98
91) Dibenzo(a,h)anthracene	16.65	278	758150	37.985	ng		97
92) Benzo(g,h,i)perylene	17.04	276	722738	36.061	ng		96

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

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