Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113199.D
Acq On : 21 Mar 2019 10:43
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/22/2019 3:35:45 PM

Quant Time: Mar 22 00:53:09 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	6.72	152	193739	20.00	ng		-0.01
21) Naphthalene-d8	8.01	136	642733	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	325361	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	657789	20.00	ng		0.00
76) Chrysene-d12	13.87	240	519523	20.00	ng		0.00
87) Perylene-d12	15.27	264	455937	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	977215	78.46	ng		0.00
7) Phenol-d6	6.37	99	1079606	69.01	ng		0.00
23) Nitrobenzene-d5	7.29	82	1140013	106.13	ng		0.00
42) 2,4,6-Tribromophenol	10.55	330	341996	99.01	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	1737244	89.81	ng		0.00
79) Terphenyl-d14	12.82	244	1980553	73.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	206924	33.144	ng		99
3) Pyridine	3.10	79	583252	34.920	ng		98
4) n-Nitrosodimethylamine	3.05	42	254984	34.898	ng		100
6) Aniline	6.39	93	675801	31.381	ng	#	45
8) 2-Chlorophenol	6.52	128	534057	38.520	ng		95
9) Benzaldehyde	6.27	77	377212	33.461	ng		97
10) Phenol	6.39	94	613353	33.596	ng		76
11) bis(2-Chloroethyl)ether	6.46	93	511546	36.505	ng		98
12) 1,3-Dichlorobenzene	6.67	146	608134	42.461	ng		96
13) 1,4-Dichlorobenzene	6.74	146	581934	40.516	ng		99
14) 1,2-Dichlorobenzene	6.90	146	524439	39.830	ng		99
15) Benzyl Alcohol	6.87	79	415838	34.856	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	860250	36.786	ng		77
17) 2-Methylphenol	6.99	107	460917	40.980	ng		95
18) Hexachloroethane	7.24	117	224281	40.764	ng	#	88
19) n-Nitroso-di-n-propylamine	7.15	70	380711	38.422	ng		97
20) 3+4-Methylphenols	7.15	107	538875	42.437	ng	#	65
22) Acetophenone	7.14	105	783801	52.153	ng	#	92
24) Nitrobenzene	7.31	77	591403	49.469	ng		99
25) Isophorone	7.55	82	1020947	44.120	ng		99
26) 2-Nitrophenol	7.63	139	299340	60.149	ng		99
27) 2,4-Dimethylphenol	7.67	122	419252	45.283	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	632507	43.719	ng		98
29) 2,4-Dichlorophenol	7.87	162	437470	48.725	ng		98
30) 1,2,4-Trichlorobenzene	7.95	180	435150	45.106	ng		99
31) Naphthalene	8.03	128	1300243	40.747	ng		99
32) Benzoic acid	7.82	122	323846	49.906	ng		91
33) 4-Chloroaniline	8.08	127	550867	40.758	ng		98
34) Hexachlorobutadiene	8.15	225	269912	49.610	ng		98
35) Caprolactam	8.47	113	132783m	41.990	ng		
36) 4-Chloro-3-methylphenol	8.57	107	419925	42.262	ng		98
37) 2-Methylnaphthalene	8.72	142	871478	42.290	ng		99
38) 1-Methylnaphthalene	8.82	142	836301	41.895	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	433575	45.698	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	202399	38.956	ng		99
43) 2,4,6-Trichlorophenol	9.00	196	282142	43.208	ng		100
44) 2,4,5-Trichlorophenol	9.05	196	308226	43.671	ng		97
46) 1,1'-Biphenyl	9.19	154	1109790	41.819	ng		99
47) 2-Chloronaphthalene	9.21	162	850139	41.026	ng		99
48) 2-Nitroaniline	9.30	65	276988	43.976	ng		98
49) Acenaphthylene	9.62	152	1383833	39.337	ng		99
50) Dimethylphthalate	9.49	163	1021679	42.587	ng		100
51) 2,6-Dinitrotoluene	9.55	165	226619	45.362	ng	#	79
52) Acenaphthene	9.80	154	785070	38.161	ng		98
53) 3-Nitroaniline	9.72	138	261649	42.982	ng		97
54) 2,4-Dinitrophenol	9.83	184	115553	58.438	ng		96
55) Dibenzofuran	9.97	168	1185742	39.657	ng		96
56) 4-Nitrophenol	9.89	139	185577	37.510	ng		97
57) 2,4-Dinitrotoluene	9.96	165	298889	48.131	ng	#	86
58) Fluorene	10.31	166	902512	42.528	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.09	232	260523	44.304	ng		93
60) Diethylphthalate	10.19	149	1011555	39.923	ng		98
61) 4-Chlorophenyl-phenylether	10.30	204	455129	46.095	ng		96
62) 4-Nitroaniline	10.33	138	266738	47.419	ng		97
63) Azobenzene	10.46	77	946065	36.454	ng		97
65) 4,6-Dinitro-2-methylphenol	10.37	198	149229	54.520	ng	#	70
66) n-Nitrosodiphenylamine	10.42	169	835863	39.622	ng		100
67) 4-Bromophenyl-phenylether	10.79	248	308072	44.465	ng		96
68) Hexachlorobenzene	10.86	284	354865	45.436	ng	#	85
69) Atrazine	10.95	200	235345	36.425	ng		99
70) Pentachlorophenol	11.05	266	187835	40.861	ng		99
71) Phenanthrene	11.26	178	1344522	41.082	ng		100
72) Anthracene	11.32	178	1372957	40.076	ng		99
73) Carbazole	11.47	167	1328126	39.741	ng		99
74) Di-n-butylphthalate	11.80	149	1612492	40.240	ng		99
75) Fluoranthene	12.45	202	1496932	42.692	ng		96
77) Benzidine	12.57	184	690058	25.602	ng		99
78) Pyrene	12.67	202	1530845	34.953	ng		100
80) Butylbenzylphthalate	13.29	149	711442	36.801	ng		94
81) Benzo(a)anthracene	13.86	228	1247815	34.655	ng		100
82) 3,3'-Dichlorobenzidine	13.82	252	531197	39.008	ng		99
83) Chrysene	13.90	228	1271671	36.056	ng		99
84) Bis(2-ethylhexyl)phthalate	13.86	149	916735	40.428	ng		100
85) Di-n-octyl phthalate	14.46	149	1575649	40.466	ng		98
86) Indeno(1,2,3-cd)pyrene	16.65	276	1045212	34.761	ng	#	93
88) Benzo(b)fluoranthene	14.88	252	1153971m	39.129	ng		
89) Benzo(k)fluoranthene	14.91	252	1103542	41.311	ng		98
90) Benzo(a)pyrene	15.22	252	1039061	39.833	ng		96
91) Dibenzo(a,h)anthracene	16.66	278	863728	38.803	ng		96
92) Benzo(g,h,i)perylene	17.06	276	844898	37.801	ng	#	94

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

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