Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051019\
Data File : BF114121.D
Acq On : 10 May 2019 15:20
Operator : JU/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Sohil
5/13/2019 8:34:20 PM

Quant Time: May 10 15:45:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 14:30:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	286878	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1135859	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	525167	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1090613	20.00	ng	0.00
76) Chrysene-d12	14.02	240	796948	20.00	ng	0.00
87) Perylene-d12	15.51	264	765161	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1714936	95.99	ng	0.00
7) Phenol-d6	6.49	99	2040264	95.55	ng	0.00
23) Nitrobenzene-d5	7.42	82	1961591	97.27	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	555057	108.03	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	3216181	96.15	ng	0.00
79) Terphenyl-d14	12.96	244	3367519	86.04	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.65	88	483802	49.204	ng	99
3) Pyridine	3.39	79	1334504	49.530	ng	98
4) n-Nitrosodimethylamine	3.35	42	635347	48.700	ng	98
6) Aniline	6.52	93	1471090	47.562	ng	99
8) 2-Chlorophenol	6.65	128	928650	48.224	ng	95
9) Benzaldehyde	6.40	77	682134	45.379	ng	98
10) Phenol	6.50	94	1206610	48.098	ng	100
11) bis(2-Chloroethyl)ether	6.59	93	915893	48.143	ng	98
12) 1,3-Dichlorobenzene	6.80	146	1029300	47.949	ng	100
13) 1,4-Dichlorobenzene	6.87	146	1044873	47.982	ng	99
14) 1,2-Dichlorobenzene	7.03	146	967049	48.870	ng	99
15) Benzyl Alcohol	6.99	79	810533	48.709	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1772382	48.066	ng	100
17) 2-Methylphenol	7.11	107	763886	48.278	ng	99
18) Hexachloroethane	7.37	117	391100	48.013	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	640571	47.242	ng	98
20) 3+4-Methylphenols	7.26	107	884293	48.494	ng	93
22) Acetophenone	7.26	105	1200157	47.642	ng	97
24) Nitrobenzene	7.43	77	1001121	48.688	ng	99
25) Isophorone	7.67	82	1765880	47.499	ng	99
26) 2-Nitrophenol	7.75	139	491947	49.489	ng	99
27) 2,4-Dimethylphenol	7.79	122	744755	47.353	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	1164206	47.801	ng	98
29) 2,4-Dichlorophenol	7.99	162	755521	48.242	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	861414	48.399	ng	97
31) Naphthalene	8.16	128	2571562	48.469	ng	100
32) Benzoic acid	7.92	122	528392m	51.694	ng	
33) 4-Chloroaniline	8.20	127	1178273	48.797	ng	99
34) Hexachlorobutadiene	8.28	225	493280	48.781	ng	99
35) Caprolactam	8.58	113	260594	51.079	ng	98
36) 4-Chloro-3-methylphenol	8.69	107	783081	49.053	ng	100
37) 2-Methylnaphthalene	8.85	142	1709346	49.388	ng	97
38) 1-Methylnaphthalene	8.95	142	1619007	49.707	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	771738	48.403	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	340823	50.716	ng		97
43) 2,4,6-Trichlorophenol	9.13	196	536031	48.819	ng		98
44) 2,4,5-Trichlorophenol	9.17	196	546988	48.530	ng		99
46) 1,1'-Biphenyl	9.31	154	2067959	48.815	ng		99
47) 2-Chloronaphthalene	9.34	162	1657202	48.583	ng		97
48) 2-Nitroaniline	9.43	65	598071	49.189	ng		99
49) Acenaphthylene	9.75	152	2535585	48.854	ng		99
50) Dimethylphthalate	9.61	163	1862744	48.349	ng		99
51) 2,6-Dinitrotoluene	9.67	165	420575	49.024	ng		98
52) Acenaphthene	9.92	154	1522704m	47.821	ng		
53) 3-Nitroaniline	9.84	138	530126	49.914	ng		97
54) 2,4-Dinitrophenol	9.95	184	202506	52.599	ng		97
55) Dibenzofuran	10.09	168	2242686	48.153	ng		99
56) 4-Nitrophenol	10.00	139	369429	49.025	ng		87
57) 2,4-Dinitrotoluene	10.07	165	567416	48.734	ng		95
58) Fluorene	10.44	166	1727240	48.084	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	462949	47.809	ng		99
60) Diethylphthalate	10.31	149	1852886	47.386	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	848157	48.049	ng		99
62) 4-Nitroaniline	10.46	138	553567	49.865	ng		96
63) Azobenzene	10.59	77	1853867	50.406	ng		99
65) 4,6-Dinitro-2-methylphenol	10.49	198	272453	48.350	ng		90
66) n-Nitrosodiphenylamine	10.55	169	1579833	45.404	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	602645	50.242	ng		99
68) Hexachlorobenzene	10.99	284	656602	49.379	ng	#	91
69) Atrazine	11.07	200	520584	50.599	ng		98
70) Pentachlorophenol	11.18	266	333787	53.052	ng		98
71) Phenanthrene	11.40	178	2561875	47.769	ng		100
72) Anthracene	11.45	178	2589166	48.066	ng		99
73) Carbazole	11.60	167	2453895	47.931	ng		100
74) Di-n-butylphthalate	11.93	149	2835443	47.816	ng		100
75) Fluoranthene	12.59	202	2727913	47.180	ng		98
77) Benzidine	12.70	184	1407353	39.788	ng		99
78) Pyrene	12.82	202	2810435	43.469	ng		99
80) Butylbenzylphthalate	13.43	149	1282562	47.139	ng		98
81) Benzo(a)anthracene	14.01	228	2440623	46.942	ng		99
82) 3,3'-Dichlorobenzidine	13.97	252	967234	47.970	ng	#	98
83) Chrysene	14.05	228	2382387	46.757	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	1706440	48.083	ng		100
85) Di-n-octyl phthalate	14.63	149	2788410	48.208	ng		99
86) Indeno(1,2,3-cd)pyrene	16.98	276	1998016	43.807	ng		100
88) Benzo(b)fluoranthene	15.09	252	2352851	47.549	ng		99
89) Benzo(k)fluoranthene	15.12	252	2239201	49.941	ng		99
90) Benzo(a)pyrene	15.45	252	2143352	49.563	ng		100
91) Dibenzo(a,h)anthracene	17.00	278	1613305	44.341	ng		99
92) Benzo(g,h,i)perylene	17.42	276	1622060	44.661	ng		99

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

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