Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051019\
Data File : BF114122.D
Acq On : 10 May 2019 15:56
Operator : JU/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF051019

Manual Integrations APPROVED
Sohil
5/13/2019 8:34:22 PM

Quant Time: May 10 18:34:06 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 15:56:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	307467	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1194273	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	568145	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1121483	20.00	ng	0.00
76) Chrysene-d12	14.03	240	811970	20.00	ng	0.00
87) Perylene-d12	15.53	264	863958	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1434438	75.08	ng	0.00
7) Phenol-d6	6.49	99	1844285	81.61	ng	0.00
23) Nitrobenzene-d5	7.42	82	1739132	81.72	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	465937	79.33	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	2970672	79.09	ng	0.00
79) Terphenyl-d14	12.96	244	2971143	75.43	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.63	88	402709	38.347	ng	99
3) Pyridine	3.38	79	1108091	38.296	ng	99
4) n-Nitrosodimethylamine	3.33	42	546375	39.158	ng	100
6) Aniline	6.52	93	1400243	42.896	ng	100
8) 2-Chlorophenol	6.64	128	838037	41.087	ng	99
9) Benzaldehyde	6.40	77	639216	40.406	ng	98
10) Phenol	6.50	94	1130333	42.521	ng	99
11) bis(2-Chloroethyl)ether	6.59	93	838441	41.545	ng	99
12) 1,3-Dichlorobenzene	6.80	146	954797	41.702	ng	99
13) 1,4-Dichlorobenzene	6.87	146	939416	40.718	ng	100
14) 1,2-Dichlorobenzene	7.03	146	867909	41.176	ng	99
15) Benzyl Alcohol	6.99	79	725907	41.187	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1593942	40.734	ng	100
17) 2-Methylphenol	7.11	107	682127	40.712	ng	100
18) Hexachloroethane	7.37	117	352009	40.647	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	570028	39.797	ng	100
20) 3+4-Methylphenols	7.26	107	796690	41.155	ng	99
22) Acetophenone	7.26	105	1080991	40.858	ng	99
24) Nitrobenzene	7.43	77	903922	41.704	ng	98
25) Isophorone	7.67	82	1579021	40.008	ng	99
26) 2-Nitrophenol	7.75	139	437745	41.628	ng	99
27) 2,4-Dimethylphenol	7.79	122	667084	40.391	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	1039545	40.595	ng	99
29) 2,4-Dichlorophenol	7.99	162	675753	41.090	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	775318	41.459	ng	98
31) Naphthalene	8.16	128	2318367	41.558	ng	100
32) Benzoic acid	7.92	122	453615m	39.906	ng	
33) 4-Chloroaniline	8.20	127	1060786	41.728	ng	99
34) Hexachlorobutadiene	8.28	225	436639	41.035	ng	99
35) Caprolactam	8.57	113	235645	43.943	ng	97
36) 4-Chloro-3-methylphenol	8.69	107	706730	42.692	ng	99
37) 2-Methylnaphthalene	8.85	142	1533220	42.598	ng	99
38) 1-Methylnaphthalene	8.95	142	1458222	43.021	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	698246	40.571	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	302748	40.042	ng		99
43) 2,4,6-Trichlorophenol	9.13	196	485781	41.037	ng		97
44) 2,4,5-Trichlorophenol	9.17	196	494157	40.704	ng		98
46) 1,1'-Biphenyl	9.31	154	1872638	40.800	ng		100
47) 2-Chloronaphthalene	9.33	162	1505211	40.749	ng		99
48) 2-Nitroaniline	9.43	65	533784	40.746	ng		99
49) Acenaphthylene	9.75	152	2320957	41.312	ng		100
50) Dimethylphthalate	9.61	163	1680596	40.295	ng		99
51) 2,6-Dinitrotoluene	9.67	165	385158	41.636	ng		99
52) Acenaphthene	9.92	154	1420725m	41.210	ng		
53) 3-Nitroaniline	9.84	138	478393	41.660	ng		98
54) 2,4-Dinitrophenol	9.95	184	179596	42.100	ng		98
55) Dibenzofuran	10.09	168	2066569	40.879	ng		99
56) 4-Nitrophenol	10.00	139	334454	41.185	ng		97
57) 2,4-Dinitrotoluene	10.07	165	514986	41.016	ng		97
58) Fluorene	10.44	166	1553368	39.781	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	419684	40.065	ng		99
60) Diethylphthalate	10.31	149	1700475	40.127	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	766803	39.983	ng		98
62) 4-Nitroaniline	10.45	138	489305	40.550	ng		99
63) Azobenzene	10.59	77	1643819	40.075	ng		99
65) 4,6-Dinitro-2-methylphenol	10.49	198	237292	44.034	ng		96
66) n-Nitrosodiphenylamine	10.55	169	1406301	41.317	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	502654	40.707	ng		100
68) Hexachlorobenzene	10.99	284	563502	41.251	ng		99
69) Atrazine	11.07	200	434640	41.034	ng		98
70) Pentachlorophenol	11.18	266	276841	42.752	ng		98
71) Phenanthrene	11.40	178	2277052	41.734	ng		99
72) Anthracene	11.45	178	2348199	42.848	ng		100
73) Carbazole	11.60	167	2172874	41.579	ng		99
74) Di-n-butylphthalate	11.93	149	2568268	42.657	ng		100
75) Fluoranthene	12.59	202	2406314	40.954	ng		98
77) Benzidine	12.70	184	1390165	38.141	ng		99
78) Pyrene	12.82	202	2464547	37.731	ng		100
80) Butylbenzylphthalate	13.43	149	1155878	42.042	ng		95
81) Benzo(a)anthracene	14.02	228	2107209	40.124	ng		99
82) 3,3'-Dichlorobenzidine	13.97	252	864179	42.418	ng	#	99
83) Chrysene	14.06	228	2107968	40.946	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	1447147	40.246	ng		99
85) Di-n-octyl phthalate	14.65	149	2500605	42.900	ng		99
86) Indeno(1,2,3-cd)pyrene	17.00	276	2072055	45.541	ng		99
88) Benzo(b)fluoranthene	15.10	252	2222927	40.161	ng		100
89) Benzo(k)fluoranthene	15.13	252	2057436	40.465	ng		99
90) Benzo(a)pyrene	15.47	252	1979599	40.638	ng		99
91) Dibenzo(a,h)anthracene	17.02	278	1716361	42.402	ng		99
92) Benzo(g,h,i)perylene	17.44	276	1617887	39.884	ng		99

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

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