Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032519\
Data File : BF113279.D
Acq On : 25 Mar 2019 15:11
Operator : JU/SJ
Sample : SSTDICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Manual Integrations APPROVED
Sohil
3/26/2019 6:21:08 PM

Quant Time: Mar 26 03:33:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 25 15:02:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	131705	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	481417	20.00	ng		0.00
39) Acenaphthene-d10	9.75	164	234767	20.00	ng		0.00
64) Phenanthrene-d10	11.22	188	489240	20.00	ng		0.00
76) Chrysene-d12	13.85	240	404608	20.00	ng		0.00
87) Perylene-d12	15.24	264	323604	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1504436	183.88	ng		0.00
7) Phenol-d6	6.37	99	1874466	185.82	ng		0.01
23) Nitrobenzene-d5	7.29	82	1574430	193.75	ng		0.02
42) 2,4,6-Tribromophenol	10.53	330	531075	184.05	ng		0.00
45) 2-Fluorobiphenyl	9.07	172	2592086	199.29	ng		0.01
79) Terphenyl-d14	12.80	244	2869267	152.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	395776	95.954	ng		99
3) Pyridine	3.06	79	1008954	98.948	ng		99
4) n-Nitrosodimethylamine	3.03	42	462005	102.160	ng		99
6) Aniline	6.38	93	1175114	95.906	ng		85
8) 2-Chlorophenol	6.50	128	867759	93.638	ng		99
9) Benzaldehyde	6.26	77	653408	97.899	ng		100
10) Phenol	6.39	94	1111792	96.787	ng		86
11) bis(2-Chloroethyl)ether	6.46	93	862158	97.942	ng		99
12) 1,3-Dichlorobenzene	6.65	146	895703	88.815	ng		100
13) 1,4-Dichlorobenzene	6.73	146	857528	87.664	ng		99
15) Benzyl Alcohol	6.87	79	572026	84.480	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	1077774	79.660	ng		83
17) 2-Methylphenol	6.99	107	616283	83.352	ng	#	90
18) Hexachloroethane	7.22	117	309688	87.662	ng		98
22) Acetophenone	7.13	105	998959	90.970	ng		94
24) Nitrobenzene	7.30	77	816172	96.545	ng		97
25) Isophorone	7.55	82	1537934	97.752	ng		98
26) 2-Nitrophenol	7.62	139	434177	96.817	ng		94
27) 2,4-Dimethylphenol	7.66	122	612309	95.182	ng		100
28) bis(2-Chloroethoxy)methane	7.75	93	909563	91.917	ng		99
29) 2,4-Dichlorophenol	7.86	162	644189	92.409	ng		98
30) 1,2,4-Trichlorobenzene	7.94	180	703327	93.425	ng		98
31) Naphthalene	8.02	128	2116507	89.881	ng		99
32) Benzoic acid	7.85	122	530487	99.644	ng		98
33) 4-Chloroaniline	8.07	127	883763	96.648	ng		99
34) Hexachlorobutadiene	8.13	225	424374	94.755	ng		99
35) Caprolactam	8.47	113	226716m	104.569	ng		
36) 4-Chloro-3-methylphenol	8.57	107	693739	98.983	ng		98
37) 2-Methylnaphthalene	8.71	142	1397774	95.293	ng		99
38) 1-Methylnaphthalene	8.80	142	1338594	94.812	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	672063	89.375	ng		99
41) Hexachlorocyclopentadiene	8.86	237	339020	106.249	ng		98
43) 2,4,6-Trichlorophenol	8.99	196	454338	92.863	ng		98
44) 2,4,5-Trichlorophenol	9.04	196	492547	90.907	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.17	154	1691604	86.568	ng		100
47) 2-Chloronaphthalene	9.20	162	1336657	88.787	ng		99
48) 2-Nitroaniline	9.30	65	459567	97.362	ng		99
49) Acenaphthylene	9.61	152	2142775	88.236	ng		99
50) Dimethylphthalate	9.48	163	1675946	96.678	ng		99
51) 2,6-Dinitrotoluene	9.55	165	378392	96.855	ng		89
52) Acenaphthene	9.78	154	1241537	90.552	ng		99
53) 3-Nitroaniline	9.71	138	418898	94.794	ng		91
54) 2,4-Dinitrophenol	9.82	184	214095	110.238	ng		91
55) Dibenzofuran	9.95	168	1757974	85.301	ng		96
56) 4-Nitrophenol	9.89	139	323108	103.213	ng		97
57) 2,4-Dinitrotoluene	9.95	165	456213	91.825	ng	#	86
58) Fluorene	10.29	166	1410983	88.143	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	434461	94.955	ng		97
60) Diethylphthalate	10.17	149	1587076	93.408	ng		99
61) 4-Chlorophenyl-phenylether	10.29	204	669095	85.797	ng		95
62) 4-Nitroaniline	10.33	138	430658	94.637	ng		94
63) Azobenzene	10.45	77	1465640	91.557	ng		96
65) 4,6-Dinitro-2-methylphenol	10.36	198	266266	99.415	ng		97
66) n-Nitrosodiphenylamine	10.41	169	1309767	87.266	ng		99
67) 4-Bromophenyl-phenylether	10.77	248	482044	90.389	ng		98
68) Hexachlorobenzene	10.85	284	552338	89.302	ng	#	93
69) Atrazine	10.94	200	416227	87.738	ng		96
70) Pentachlorophenol	11.04	266	323834	100.258	ng		99
71) Phenanthrene	11.25	178	2097753	86.302	ng		99
72) Anthracene	11.30	178	2124808	86.143	ng		99
73) Carbazole	11.46	167	2061830	87.631	ng		98
74) Di-n-butylphthalate	11.79	149	2352452	86.121	ng		98
75) Fluoranthene	12.43	202	2310869	83.293	ng		99
78) Pyrene	12.66	202	2349448	81.641	ng		99
80) Butylbenzylphthalate	13.27	149	1226288	98.866	ng		99
81) Benzo(a)anthracene	13.84	228	2050723	88.276	ng		99
82) 3,3'-Dichlorobenzidine	13.81	252	784951	83.885	ng		98
83) Chrysene	13.89	228	2172278	91.537	ng		98
84) Bis(2-ethylhexyl)phthalate	13.83	149	1379399	90.504	ng		98
85) Di-n-octyl phthalate	14.44	149	2476077	95.493	ng		99
86) Indeno(1,2,3-cd)pyrene	16.62	276	1893328	90.668	ng		100
88) Benzo(b)fluoranthene	14.86	252	2186473	111.773	ng		99
89) Benzo(k)fluoranthene	14.89	252	1608010	91.515	ng		99
90) Benzo(a)pyrene	15.20	252	1761206	100.022	ng		99
91) Dibenzo(a,h)anthracene	16.64	278	1510149	97.798	ng		99
92) Benzo(g,h,i)perylene	17.03	276	1596681	102.239	ng		99

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

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