Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061219\
Data File : BF114973.D
Acq On : 12 Jun 2019 13:28
Operator : HP/JU
Sample : SSTDICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Manual Integrations APPROVED
mohammad
6/14/2019 8:46:19 AM

Quant Time: Jun 12 15:12:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 12:22:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	250539	20.00	ng		0.00
21) Naphthalene-d8	7.94	136	1007076	20.00	ng		0.00
39) Acenaphthene-d10	9.69	164	483293	20.00	ng		0.00
64) Phenanthrene-d10	11.16	188	929550	20.00	ng		0.00
76) Chrysene-d12	13.79	240	404188	20.00	ng		0.00
87) Perylene-d12	15.16	264	485025	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	2503918	169.14	ng		0.00
7) Phenol-d6	6.32	99	2970861	166.38	ng		0.02
23) Nitrobenzene-d5	7.23	82	3091028	188.58	ng		0.02
42) 2,4,6-Tribromophenol	10.47	330	862827	164.12	ng		0.00
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
79) Terphenyl-d14	12.74	244	4255302	209.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.28	88	641543	91.326	ng		99
3) Pyridine	2.96	79	1833315	93.754	ng		100
4) n-Nitrosodimethylamine	2.93	42	676186	96.272	ng		100
6) Aniline	6.33	93	2004067	82.856	ng	#	64
8) 2-Chlorophenol	6.45	128	1422498	84.196	ng		99
9) Benzaldehyde	6.20	77	789554	69.087	ng		99
10) Phenol	6.33	94	1702541	85.508	ng		92
11) bis(2-Chloroethyl)ether	6.40	93	1358083	85.583	ng		99
12) 1,3-Dichlorobenzene	6.60	146	1672079	85.274	ng		97
13) 1,4-Dichlorobenzene	6.67	146	1646722	83.747	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1731048	79.318	ng		96
17) 2-Methylphenol	6.93	107	1249196	88.304	ng	#	91
18) Hexachloroethane	7.17	117	620517	85.631	ng		99
19) n-Nitroso-di-n-propylamine	7.10	70	973954	87.227	ng		98
22) Acetophenone	7.08	105	1977282	87.712	ng	#	99
24) Nitrobenzene	7.25	77	1445871	84.798	ng		95
25) Isophorone	7.49	82	2897936	90.288	ng		100
26) 2-Nitrophenol	7.56	139	869522	91.791	ng		97
27) 2,4-Dimethylphenol	7.61	122	1206024	87.004	ng		99
28) bis(2-Chloroethoxy)methane	7.70	93	1750522	85.257	ng		99
29) 2,4-Dichlorophenol	7.80	162	1235128	85.085	ng		97
30) 1,2,4-Trichlorobenzene	7.88	180	1419762	85.222	ng		98
31) Naphthalene	7.96	128	3797885	81.844	ng		97
32) Benzoic acid	7.79	122	1069628	103.303	ng		96
33) 4-Chloroaniline	8.02	127	1917488	87.564	ng		98
34) Hexachlorobutadiene	8.09	225	779578	83.431	ng		99
35) Caprolactam	8.43	113	445060m	91.016	ng		
36) 4-Chloro-3-methylphenol	8.51	107	1296853	87.957	ng		97
37) 2-Methylnaphthalene	8.65	142	2539322	80.529	ng		98
38) 1-Methylnaphthalene	8.75	142	2409616	80.796	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	1138954	81.967	ng		99
41) Hexachlorocyclopentadiene	8.80	237	667939	84.566	ng		99
43) 2,4,6-Trichlorophenol	8.93	196	945650	89.624	ng		99
44) 2,4,5-Trichlorophenol	8.98	196	937478	86.169	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	9.14	162	2526836	82.786	ng		97
48) 2-Nitroaniline	9.24	65	842409	90.671	ng		97
50) Dimethylphthalate	9.43	163	3130486	86.182	ng		100
51) 2,6-Dinitrotoluene	9.49	165	717331	85.980	ng		90
52) Acenaphthene	9.72	154	2193035	80.481	ng		98
53) 3-Nitroaniline	9.65	138	910441	90.876	ng		97
54) 2,4-Dinitrophenol	9.76	184	432723	104.794	ng		94
56) 4-Nitrophenol	9.82	139	651691	91.271	ng		98
57) 2,4-Dinitrotoluene	9.89	165	840036	79.656	ng	#	84
59) 2,3,4,6-Tetrachlorophenol	10.02	232	736808	83.774	ng		97
60) Diethylphthalate	10.12	149	2871561	81.338	ng		99
62) 4-Nitroaniline	10.27	138	909452	88.578	ng		99
63) Azobenzene	10.39	77	2486343	80.914	ng		97
65) 4,6-Dinitro-2-methylphenol	10.30	198	520921	99.929	ng		96
66) n-Nitrosodiphenylamine	10.35	169	2280551	82.579	ng		98
67) 4-Bromophenyl-phenylether	10.72	248	828553	82.290	ng		96
68) Hexachlorobenzene	10.79	284	920093	82.751	ng	#	91
69) Atrazine	10.88	200	713780	76.705	ng		99
70) Pentachlorophenol	10.97	266	561914	90.123	ng		98
73) Carbazole	11.39	167	3393153	81.418	ng		98
78) Pyrene	12.59	202	3701054	105.140	ng		98
80) Butylbenzylphthalate	13.22	149	1778851	102.574	ng		93
81) Benzo(a)anthracene	13.77	228	2825521	94.543	ng		98
82) 3,3'-Dichlorobenzidine	13.74	252	1011347	82.903	ng	#	98
83) Chrysene	13.82	228	2761761	92.024	ng		98
84) Bis(2-ethylhexyl)phthalate	13.78	149	1885182	92.819	ng		100
85) Di-n-octyl phthalate	14.39	149	3250204	87.602	ng		99
86) Indeno(1,2,3-cd)pyrene	16.47	276	3013311	106.801	ng		100
88) Benzo(b)fluoranthene	14.78	252	3049506	96.575	ng		99
89) Benzo(k)fluoranthene	14.81	252	2102689	76.730	ng		97
90) Benzo(a)pyrene	15.11	252	2461945	89.764	ng		99
91) Dibenzo(a,h)anthracene	16.50	278	2336121	100.838	ng		98
92) Benzo(g,h,i)perylene	16.87	276	2552596	110.535	ng		99

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

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