Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052919\
Data File : BF114638.D
Acq On : 29 May 2019 17:02
Operator : HP/JU
Sample : SSTDICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC100

Manual Integrations APPROVED
mohammad
5/30/2019 12:47:49 PM

Quant Time: May 29 19:16:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 16:39:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	315078	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	1277585	20.00	ng		0.00
39) Acenaphthene-d10	9.73	164	632316	20.00	ng		0.00
64) Phenanthrene-d10	11.20	188	1201226	20.00	ng		0.00
76) Chrysene-d12	13.83	240	515605	20.00	ng		0.01
87) Perylene-d12	15.21	264	692023	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	3193788	163.12	ng		0.01
7) Phenol-d6	6.35	99	3706692	160.07	ng		0.02
23) Nitrobenzene-d5	7.27	82	3742168	164.38	ng		0.02
42) 2,4,6-Tribromophenol	10.52	330	1024090	156.66	ng		0.01
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
79) Terphenyl-d14	12.79	244	5329690	213.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	836638	77.742	ng		99
3) Pyridine	3.04	79	2455270	82.806	ng		99
4) n-Nitrosodimethylamine	3.01	42	1016258	71.075	ng		99
6) Aniline	6.37	93	2887402	86.319	ng		94
8) 2-Chlorophenol	6.49	128	1802283	86.227	ng		98
9) Benzaldehyde	6.24	77	880672	54.324	ng		99
10) Phenol	6.36	94	2254220	82.751	ng		89
11) bis(2-Chloroethyl)ether	6.45	93	1785239	86.323	ng		100
12) 1,3-Dichlorobenzene	6.65	146	2051176	87.424	ng		98
13) 1,4-Dichlorobenzene	6.72	146	2039880	86.280	ng		97
14) 1,2-Dichlorobenzene	6.87	146	1752373	81.129	ng		97
15) Benzyl Alcohol	6.85	79	1391722	77.058	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	2700542	67.347	ng		98
17) 2-Methylphenol	6.96	107	1645775	95.853	ng		100
18) Hexachloroethane	7.22	117	811021	91.388	ng		95
19) n-Nitroso-di-n-propylamine	7.14	70	1375366	93.703	ng		100
22) Acetophenone	7.12	105	2352889	83.133	ng	#	99
24) Nitrobenzene	7.29	77	1921977	82.892	ng		93
25) Isophorone	7.54	82	3908726	92.579	ng		98
26) 2-Nitrophenol	7.60	139	1057768	94.030	ng		98
27) 2,4-Dimethylphenol	7.65	122	1611386	91.204	ng		100
28) bis(2-Chloroethoxy)methane	7.75	93	2319073	84.656	ng		97
29) 2,4-Dichlorophenol	7.85	162	1631442	92.732	ng		98
30) 1,2,4-Trichlorobenzene	7.93	180	1786380	89.294	ng		99
32) Benzoic acid	7.82	122	1268481m	109.641	ng		
33) 4-Chloroaniline	8.05	127	2616277	96.205	ng		99
34) Hexachlorobutadiene	8.13	225	971774	85.372	ng		99
35) Caprolactam	8.46	113	594592m	103.648	ng		
36) 4-Chloro-3-methylphenol	8.55	107	1665598	94.054	ng		99
37) 2-Methylnaphthalene	8.69	142	3217180	83.555	ng		97
38) 1-Methylnaphthalene	8.79	142	3053516	84.212	ng		97
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	1341804	70.053	ng		99
41) Hexachlorocyclopentadiene	8.85	237	942407	116.932	ng		98
43) 2,4,6-Trichlorophenol	8.97	196	1225807	93.042	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.01	196	1188185	87.940	ng		98
47) 2-Chloronaphthalene	9.18	162	3154531	76.732	ng		94
48) 2-Nitroaniline	9.27	65	1116878	76.604	ng		98
50) Dimethylphthalate	9.47	163	3724179	80.231	ng		99
51) 2,6-Dinitrotoluene	9.52	165	966867	93.912	ng		93
52) Acenaphthene	9.77	154	2989109	77.904	ng		98
53) 3-Nitroaniline	9.69	138	1187866	92.946	ng		95
54) 2,4-Dinitrophenol	9.79	184	456435	110.537	ng	#	87
56) 4-Nitrophenol	9.85	139	887399	98.185	ng		92
57) 2,4-Dinitrotoluene	9.92	165	1203034	86.091	ng		98
58) Fluorene	10.28	166	2569898	59.135	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.05	232	940662	80.687	ng		99
60) Diethylphthalate	10.16	149	3719041	78.854	ng		96
61) 4-Chlorophenyl-phenylether	10.27	204	1284262	60.168	ng		97
62) 4-Nitroaniline	10.31	138	1173112	87.353	ng		98
63) Azobenzene	10.43	77	3321289	72.753	ng		93
65) 4,6-Dinitro-2-methylphenol	10.33	198	590163	102.245	ng		81
66) n-Nitrosodiphenylamine	10.39	169	3018763	82.802	ng		98
67) 4-Bromophenyl-phenylether	10.76	248	1111512	84.040	ng		96
68) Hexachlorobenzene	10.82	284	1194295	81.625	ng		99
70) Pentachlorophenol	11.01	266	717566	103.456	ng		99
74) Di-n-butylphthalate	11.77	149	4941428	76.626	ng		96
75) Fluoranthene	12.41	202	4576220	72.715	ng		98
77) Benzidine	12.53	184	1887508m	81.553	ng		
78) Pyrene	12.63	202	4710042	113.555	ng		97
80) Butylbenzylphthalate	13.26	149	2436021	139.533	ng		98
81) Benzo(a)anthracene	13.82	228	4074395	122.174	ng		97
82) 3,3'-Dichlorobenzidine	13.79	252	1503291	116.201	ng		99
83) Chrysene	13.86	228	3894470	119.128	ng		97
84) Bis(2-ethylhexyl)phthalate	13.83	149	2623371	114.892	ng	#	98
85) Di-n-octyl phthalate	14.44	149	4630494	125.100	ng		97
86) Indeno(1,2,3-cd)pyrene	16.54	276	3791944	131.245	ng		100
88) Benzo(b)fluoranthene	14.83	252	4026022	90.809	ng		98
89) Benzo(k)fluoranthene	14.86	252	3507752m	86.130	ng		
90) Benzo(a)pyrene	15.16	252	3521928	90.263	ng		97
91) Dibenzo(a,h)anthracene	16.56	278	2979350	91.891	ng		99
92) Benzo(g,h,i)perylene	16.94	276	3078299	94.740	ng		99

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

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